

Incident ID	nAB1807456505
District RP	2RP-4659
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
 Signature: Chase Settle Date: 06/21/2023  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: Robert Hamlet Date: 11/22/2023

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

Closure Approved by: Robert Hamlet Date: 11/22/2023  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



**SITE REMEDIATION AND CLOSURE REPORT**

**STARK BG NO. 2 BATTERY (nAB1807452941) &  
EAGLE CREEK GAS PIPELINE AREA (nAB1807456505)  
UNIT D, SECTION 25, TOWNSHIP 18S, RANGE 24E  
EDDY COUNTY, NEW MEXICO  
32.724638, -104.443019 & 32.724227, -104.443035  
RANGER REFERENCE NO. 5375**

**PREPARED FOR:**

**EOG RESOURCES, INC.  
ARTESIA DIVISION  
105 S 4TH STREET  
ARTESIA, NEW MEXICO 88210**

**PREPARED BY:**

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

**JUNE 9, 2023**

A blue ink signature of Patrick K. Finn, consisting of a stylized 'P' and 'F' followed by a horizontal line.

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

A blue ink signature of William Kierdorf, consisting of a stylized 'W' and 'K' followed by a horizontal line.

**William Kierdorf, REM  
Project Manager**

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**FORM C-141**

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- Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

**ATTACHMENTS**

- Attachment 1 – Photographic Documentation
- Attachment 2 – Laboratory Analytical Reports
- Attachment 3 – NMOCD Correspondence



**SITE REMEDIATION AND CLOSURE REPORT  
STARK BG NO. 2 BATTERY (nAB1807452941) &  
EAGLE CREEK GAS PIPELINE AREA (nAB1807456505)  
UNIT M, SECTION 12, TOWNSHIP 19S, RANGE 25E  
EDDY COUNTY, NEW MEXICO  
32.724638, -104.443019 & 32.724227, -104.443035  
RANGER REFERENCE NO. 5375**

## **1.0 SITE LOCATION AND BACKGROUND**

The referenced subject sites are adjacent to each other and located approximately 8.7 miles southwest of Artesia, within Eddy County, New Mexico. The former Stark BG No. 2 Battery (Tank Battery Area) is located at GPS coordinates 32.724638, -104.443019 and the Eagle Creek Gas Pipeline area (Pipeline Area) is located at GPS coordinates 32.724227, -104.443035.

The subject tank battery has been abandoned and relocated. During initial reclamation activities in the Tank Battery Area, impacted soils were encountered. Subsequent sampling activities conducted in the Tank Battery Area documented the presence of soil impacts from an unknown/historical release. Chloride impacts to soil were also documented south of the Tank Battery Area in the Pipeline Area. It is believed that the chloride impacts at this location are likely due to a historic PVC pipeline leak; however, release details are unknown.

Upon discovery of the soil impacts, EOG Resources, Inc. (EOG) reported the release details to the New Mexico Oil Conservation Division (NMOCD) on March 13, 2018. In order to delineate the extent of impacts, EOG conducted extensive soil sampling. EOG subsequently retained Ranger Environmental Services, LLC (Ranger) to complete the horizontal and vertical delineation activities and to assist in the site characterization and remediation planning. Only minor soil TPH impacts were documented in the Tank Battery Area. The remainder of the applicable closure criteria exceedances in soil are related to chloride impacts. Vertical delineation activities conducted at the site documented that groundwater was not affected or threatened by the release.

Soil excavation activities were conducted within the former Tank Battery Area by representatives of EOG in 2017 between the months of July and September. It should be noted, the 2017 excavation activities were conducted prior to the introduction of the April 2018 NMOCD rule amendments; therefore, the 2017 soil removal activities were conducted in order to achieve the applicable soil TPH Recommended Remedial Action Level (RRAL) of 5,000 mg/Kg. The 2017 excavation activities removed all soils which had been documented to exceed the TPH RRAL of 5,000 mg/Kg. Upon comparing the sample results to the current TPH Closure Criteria of 2,500 mg/Kg (GRO+DRO+MRO), the samples were documented to be below the current criteria. However, within the former Tank Battery Area, one sample location was noted to be in exceedance of the current 1,000 mg/Kg TPH GRO+DRO closure criteria. Overall, based on the cumulative site soil analytical data, the primary constituent of concern at the site is chloride.

In order to address the remaining impacts at the Site, a Ranger prepared *Site Characterization and Remediation Work Plan*, dated August 31, 2022, was submitted to the NMOCD. The plan proposed remedial soil removal efforts, cleanup confirmation sampling methodologies, and the

segregation and assessment of excavated soils for potential re-use as backfill material. The proposed remediation plan also included details of a landowner requirement for the installation of a geosynthetic clay liner (GCL) at the base of the excavated area.

On September 8, 2022, a response from NMOCD representative Ms. Jocelyn Harimon was received. The response included statements that a variance request was necessary for the proposed alternative composite sampling frequency, and the surface owner required installation of a GCL. The NMOCD response approved of the proposed potential re-use of excavated material with alterations to the frequency at which confirmation samples would be collected from the material. Based upon the above NMOCD response, an updated *Site Characterization and Remediation Work Plan*, dated September 15, 2022, was prepared and submitted to the NMOCD. The updated plan included the variance requests for the proposed sampling frequency and installation of the GCL, and adjustments to the frequency of confirmation sampling proposed for the material designated for potential re-use.

Since the NMOCD had not responded to Ranger's September 15, 2022 updated report by January 2023, and out of a desire to address the site impacts, remedial soil removal operations were initiated at the site on January 12, 2023. In February 2023, since the NMOCD response to Ranger's September 15, 2022 updated report still had not been received, Ranger personnel contacted Ms. Harimon to confirm that the plan had been received by the NMOCD and to determine if the lack of response was considered a denial in accordance with NMAC 19.15.29.12 C.(5). Ms. Harimon subsequently confirmed that the plan had been received but had not been reviewed yet, and that this was not considered a denial. In order to ensure the plan was in the NMOCD report review queue, Mr. Harimon requested that an email be sent in lieu of a formal resubmittal of the report. Copies of the relevant correspondence are attached.

On April 14, 2023, an NMOCD response was received which approved, with modifications, of the proposed remedial strategy for the Site. The response requested alteration of the proposed excavation base confirmation sampling from the proposed one five-part composite sample per 1,000 square feet to one five-part composite sample per 500 square feet. Additionally, the blending of the material designated for potential re-use was denied.

The following report has been prepared to document the remediation and cleanup confirmation soil sampling activities completed at the Site. Previously submitted and recent copies of Form C-141 for both sites, and related documentation, are included in Attachment 1. A *Topographic Map* and *Area Map* documenting the location of the site are also attached.

## **2.0 SITE REMEDIATION**

### **2.1 Closure Criteria**

Based upon Site characterization details<sup>1</sup> provided in the August 31, 2022 *Site Characterization and Remediation Work Plan* and September 15, 2022 *Site Characterization and Remediation Work Plan*, the Site was remediated to the Table 1 19.15.29.12 NMAC (groundwater >100 feet) criteria. Additionally, the remediation activities were completed to bring the surface to four-foot depth interval into compliance with the Restoration, Reclamation and Re-Vegetation criteria (Reclamation Criteria) detailed in 19.15.29.13 NMAC. The site closure criteria are detailed below:

## SITE CLOSURE CRITERIA

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	TPH (GRO+DRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')	20,000	2,500	1,000	50	10
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100 <sup>2</sup>	---	50 <sup>2</sup>	10 <sup>2</sup>

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

1. Full site characterization details are included in the August 31, 2022, Site Characterization and Remediation Work Plan and September 15, 2022 Site Characterization and Remediation Work Plan.
2. 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.

## 2.2 Impacted Soil Removal and Cleanup Confirmation Soil Sampling

From January 12, 2023 to May 23, 2023, soil removal operations were conducted at the Site. As detailed in the *Site Characterization and Remediation Work Plan(s)*, soil removal operations at the Site were completed in two "Areas" within the impact/remediation area at the Site. The areas were designated as "Area 1" where soils were noted to be in excess of the target regulatory criteria, and "Area 2" where elevated chloride concentrations were encountered at depth, but overlying shallower soils were noted to have concentrations within the applicable regulatory criteria.

During the excavation process, excavated materials generated within the illustrated "Area 1" locations were transported to an NMOCD approved disposal facility. Materials excavated from the "Area 2" locations were temporarily stockpiled on-site and assessed for potential re-use at the Site. During the remediation process, Ranger personnel collected field readings from the excavated areas utilizing an organic vapor monitor (OVM) and field chloride titration kit to assist in guiding the excavation to appropriate boundaries. Upon completion, the initial excavation area had maximum dimensions of approximately 310 feet by 255 feet and was completed to depths of approximately two to four feet below ground surface (bgs).

To confirm that the excavation had been completed to appropriate boundaries, cleanup confirmation soil sampling activities were conducted in accordance with the NMOCD approved frequency and methodology. Along the excavation side walls, cleanup confirmation soil samples were collected from various locations and depths in accordance with NMAC 19.15.29.12(D), as five-part composite samples representative of no more than 200 square feet. Excavation base samples were collected as five-part composite samples representatives of no more than 500 square feet.

Upon review of the initial cleanup confirmation soil sample results, all samples collected along the excavation side walls were documented to be within the applicable Reclamation Criteria. However, multiple excavation base samples were noted to contain TPH concentrations that remained in exceedance of the site closure criteria. In order to address these areas, additional soil removal operations were conducted. Upon completion of the over-excavation activities,



additional cleanup confirmation soil samples were collected. The additional cleanup confirmation samples were collected in accordance with NMAC 19.15.29.12(D), as five-part composite samples representative of no more than 200 square feet.

Upon collection, all cleanup confirmation soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and total chloride using EPA Method 300. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Prior to the cleanup confirmation sampling events, notice was provided to the NMOCD in accordance with NMAC 19.15.29.12(D). Copies of the notifications are attached.

### **2.3 Final Cleanup Confirmation Sample Results**

Upon review of the laboratory analytical results for the final cleanup confirmation soil samples, all samples collected from the excavation sidewalls were documented to contain BTEX, TPH and chloride concentrations below the applicable Reclamation Criteria. The final samples collected from the excavation base were documented to contain concentrations within the applicable Table 1 19.15.29.12 NMAC (groundwater >100 feet) criteria.

A *Final Excavation Area and Confirmation Sample Location Map* is provided in the Figures section which illustrates the excavation boundaries, depths and the locations of the final cleanup confirmation soil samples. Upon completion, the final excavation area had maximum dimensions of approximately 310 feet by 255 feet and was completed to depths of approximately four to seven feet bgs.

The attached "*Confirmation Soil Sample BTEX, TPH & Chloride Analytical Data*" table provides a comprehensive summary of the laboratory analytical results for the cleanup confirmation soil samples collected during the remediation process. Copies of the laboratory analytical reports including chain-of-custody documentation are also attached.

### **2.4 Re-use Material Assessment and Deposition**

As summarized above, soil removal operations at the site were completed in two types of areas ("Area 1" and "Area 2"). Area 1 soils contained exceedances of the site closure criteria at the surface and at depth. All Area 1 excavated soils were hauled off-site to disposal. The shallow soils within "Area 2" had been documented to be largely unaffected; however, these soils had to be removed to enable the excavation of deeper soils which contained chloride concentrations in excess of the site closure criteria. To minimize waste generation, procedures were implemented to segregate, stockpile and sample the largely unaffected shallow soils within the "Area 2" locations to determine whether these soils could be reused as backfill within the excavated area.

To assist in determining if the Area 2 shallow soils were suitable for potential re-use as backfill material at the Site, the excavation process in the "Area 2" locations was completed in approximate one-foot lifts. The generated material was then segregated and placed on plastic liners in approximate 100 cubic yard stockpiles which were subsequently sampled to determine the chloride concentrations. Four composite soil samples were collected from each 100 cubic yard stockpile. As proposed and approved by the NMOCD, each sample was collected as a five-part composite sample.

The stockpile composite soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of total chloride using EPA Method 300. The samples were collected and managed using standard QA/QC and chain-of-custody procedures. The attached “*Re-Use Soil Chloride Analytical Data*” table provides a summary of the analytical results for the composite soil samples collected from the stockpiled soils.

In summary, approximately 3,400 cubic yards of soil was segregated, stockpiled and assessed for potential re-use at the Site. A total of 136 composite soil samples were collected from the segregated materials for laboratory analysis, equating to one sample per every 25 cubic yards of stockpiled soil. Upon review of the laboratory analytical results, eight of the 136 samples were documented to contain chloride concentrations in exceedance of the Reclamation Criteria detailed in 19.15.29.13 NMAC (600 ppm chloride). The eight samples were noted to have been collected from two stockpiles.

Based on the stockpile laboratory analytical results, the materials documented to contain chloride concentrations below the Reclamation Criteria were staged on-site for re-use as backfill material. The two stockpiles documented to contain chloride concentrations in exceedance of the Reclamation Criteria were transported to disposal as detailed below.

## **2.5 Waste Disposal**

The soils generated during the excavation of “Area 1”, as well as the soils from “Area 2” which were documented to contain elevated chloride concentrations, were transported and disposed of at Lea Land disposal facility in Eddy County, New Mexico.

## **3.0 SITE CLOSURE**

### **3.1 Site Completion, Backfill & Revegetation**

Per the surface landowner requirement, a geosynthetic clay liner (GCL) will be installed in the entirety of the base area at the Site. Prior to the installation of the GCL, the excavation areas completed to depths greater than four feet bgs will be backfilled with clean fill material and the excavation will be prepared for the installation of the GCL. Upon completion of the liner installation, the remaining excavation area will first be backfilled with the unaffected “Area 2” stockpiled soils and then the remaining portions of the excavation will be backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13. Re-vegetation efforts in the subject area will be completed in accordance with NMAC 19.15.29.13.

### **3.2 Closure Request**

Based on the completed site remediation and cleanup confirmation soil sampling activities, the site has been properly addressed pursuant to NMAC 19.15.29 and EOG respectfully requests closure of the incident. A final C-141 form is attached.

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 88011  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**NM OIL CONSERVATION**

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised April 3, 2017

MAR 13 2018

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

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

FAB1807452783  
NAB1807452941

**Release Notification and Corrective Action OPERATOR**

Initial Report  Final Report

Name of Company EOG Y Resources, Inc. #25575	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street Artesia NM 88210	Telephone No. 575-748-1471
Facility Name Stark BG #2 Battery	Facility Type Battery

Surface Owner Fee	Mineral Owner Fee	API No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	25	18S	25E	990	North	990	West	Eddy

Latitude 32.7235031 Longitude -104.4433899 NAD83

**NATURE OF RELEASE**

Type of Release Unknown	Volume of Release Unknown Amounts	Volume Recovered Unknown Amounts
Source of Release Unknown	Date and Hour of Occurrence Unknown	Date and Hour of Discovery Unknown
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher/NMOCD II	
By Whom? Robert Asher/EOG Y Resources	Date and Hour March 13, 2018	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\* N/A

Describe Cause of Problem and Remedial Action Taken.\*  
Upon the reclamation process of the battery, impacted soils were encountered.

Describe Area Affected and Cleanup Action Taken.\*  
The affected area was approximately 25' X 35' within the primary battery. Impacted soils have been excavated and taken to an NMOCD approved facility. Horizontal/Vertical delineation samples collected (enclosed). Based off of results, surface owner allowed backfilling of excavation to allow for upcoming core rig sampling (details to be submitted on a work plan). **Depth to Ground Water: >100' (approximately 158', per NMOSE), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Robert Asher	Signed By Approved by Environmental Specialist:	
Title: Environmental Supervisor	Approval Date: 3/13/18	Expiration Date: N/A
E-mail Address: robert_asher@eogresources.com	Conditions of Approval: See Attached	
Date: March 13, 2018 Phone: 575-748-4217	Attached: ARP-4658	

\* Attach Additional Sheets If Necessary

State of New Mexico  
Oil Conservation Division

Incident ID	nAB1807452941
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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Significant affected soil area
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Robert Asher (EOG) on 03/15/2018	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. NA <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. NA
If all the actions described above have <u>not</u> been undertaken, explain why:  
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Chase Settle</u> Title: <u>Rep Safety &amp; Environmental Sr</u> Signature: <u>Chase Settle</u> Date: <u>09/16/2022</u> email: <u>Chase_Settle@eogresources.com</u> Telephone: <u>575-748-1471</u>
<b><u>OCD Only</u></b> Received by: _____ Date: _____

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## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	191 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico  
Oil Conservation Division

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

Signature: Chase Settle Date: 09/16/2022

email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: Jocelyn Harimon Date: 09/19/2022

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## Remediation Plan

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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
 Signature: Chase Settle Date: 09/16/2022  
 email: Chase.Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: Jocelyn Harimon Date: 09/19/2022

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: Robert Hamlet Date: 4/17/2023

Incident ID	nAB1807452941
District RP	2RP-4658
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
 Signature: Chase Settle Date: 06/21/2023  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

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

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

**NM OIL CONSERVATION**

ARTESIA DISTRICT

MAR 13 2018

RECEIVED

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

Form C-141  
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

FAB1807453570  
NAB1807454505

**Release Notification and Corrective Action OPERATOR**

Initial Report  Final Report

Name of Company EOG Y Resources, Inc.	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street Artesia NM 88210	Telephone No. 575-748-1471
Facility Name Eagle Creek Gas System	Facility Type Pipe line

Surface Owner Fee	Mineral Owner Fee	API No.
----------------------	----------------------	---------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	25	18S	25E					Eddy

Latitude 32.7235031 Longitude -104.4433899 NAD83

**NATURE OF RELEASE**

Type of Release Unknown	Volume of Release Unknown Amounts	Volume Recovered Unknown Amounts
Source of Release Unknown	Date and Hour of Occurrence Unknown	Date and Hour of Discovery Unknown
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher/NMOCD II	
By Whom? Robert Asher/EOG Y Resources	Date and Hour March 13, 2018	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\* N/A

Describe Cause of Problem and Remedial Action Taken.\*  
Upon the reclamation process of the Stark BG #2 Battery the surface owner requested remediation of the impacted area south of the battery. Initial horizontal and vertical delineation samples collected.

Describe Area Affected and Cleanup Action Taken.\*  
The affected area was approximately 180' X 200'. Horizontal/Vertical delineation samples collected (enclosed). Based off of results, core rig sampling is being scheduled (details to be submitted on a work plan). **Depth to Ground Water: >100' (approximately 158', per NMOSE), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Robert Asher	Signed By Approved by Environmental Specialist:	
Title: Environmental Supervisor	Approval Date: 3/13/18	Expiration Date: N/A
E-mail Address: robert_asher@eogresources.com	Conditions of Approval: See attached	
Date: March 13, 2018 Phone: 575-748-4217	Attached 2RP-4659	

\* Attach Additional Sheets If Necessary

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	nAB1807456505
District RP	2RP-4659
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Significant affected soil area
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Robert Asher (EOG) on 03/15/2018	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. NA <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. NA
If all the actions described above have <u>not</u> been undertaken, explain why:  
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Chase Settle</u> Title: <u>Rep Safety &amp; Environmental Sr</u> Signature: <u>Chase Settle</u> Date: <u>09/16/2022</u> email: <u>Chase_Settle@eogresources.com</u> Telephone: <u>575-748-1471</u>
<b><u>OCD Only</u></b> Received by: _____ Date: _____

Incident ID	nAB1807456505
District RP	2RP-4659
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	191 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico  
Oil Conservation Division

Incident ID	nAB1807456505
District RP	2RP-4659
Facility ID	
Application ID	

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 Signature: Chase Settle Date: 09/16/2022  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

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

Incident ID	nAB1807456505
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 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

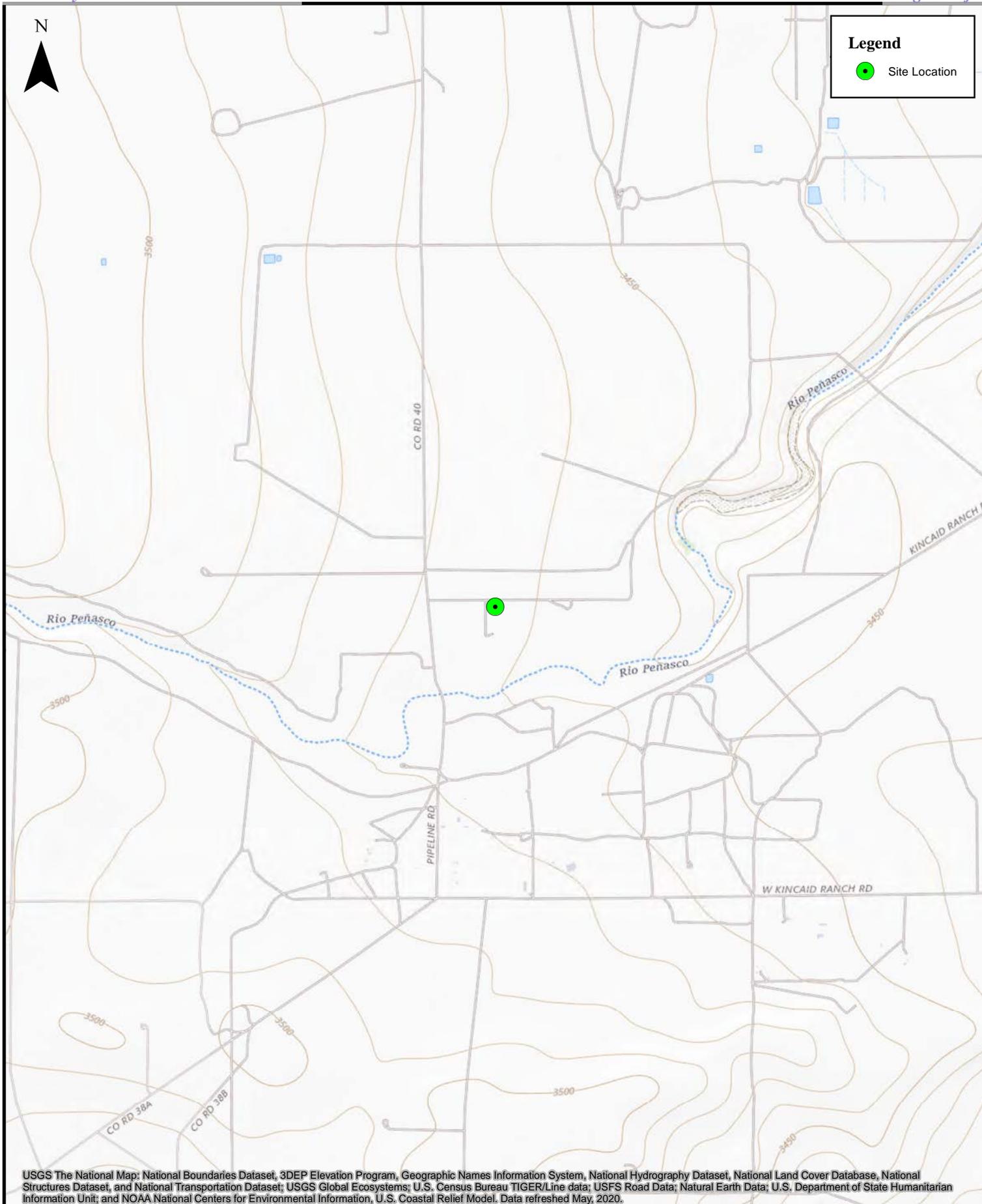
Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## FIGURES

Topographic Map

Area Map

Final Excavation Area and Confirmation Sample Location Map



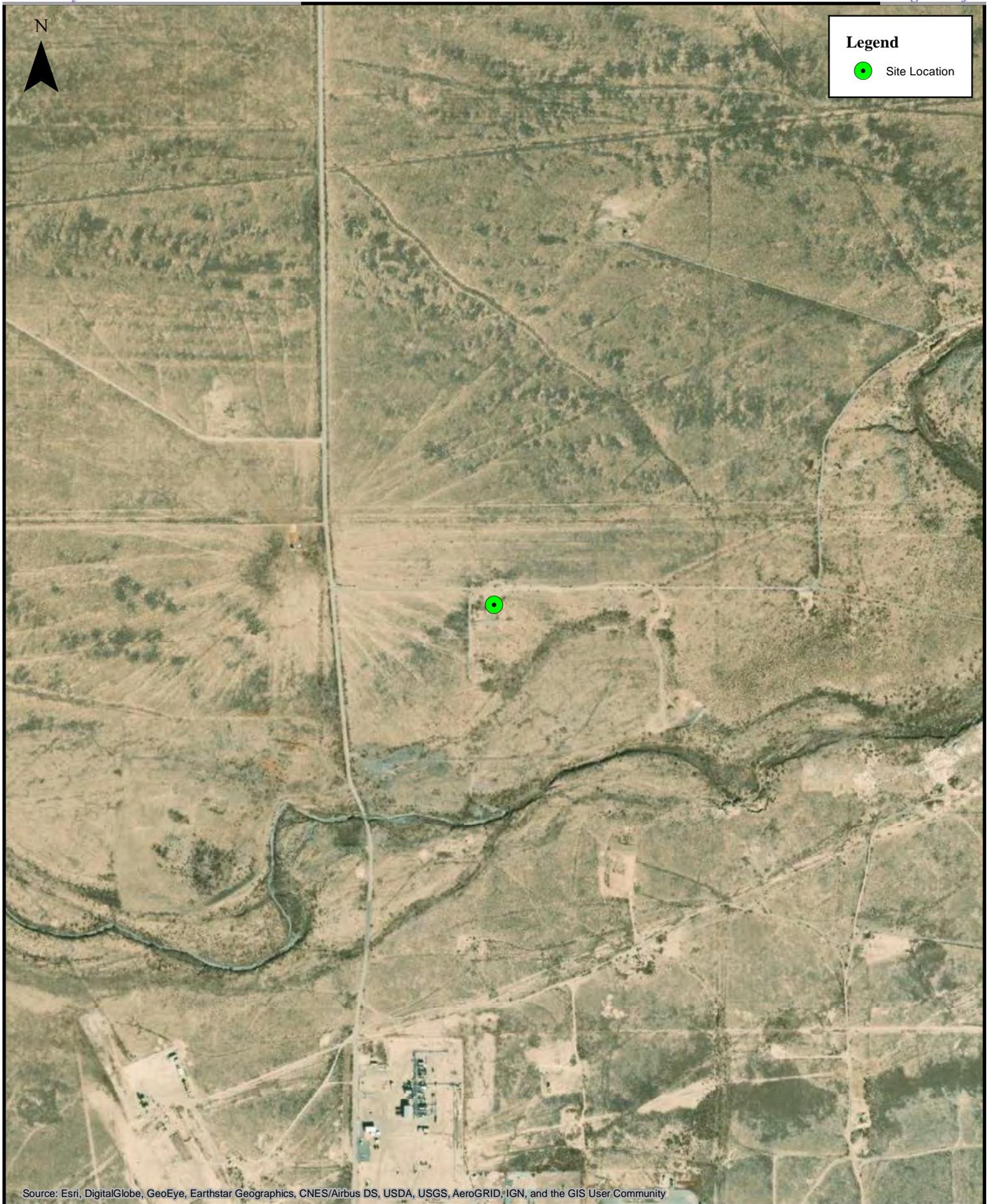
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.



1:24,000

**Topographic Map**

Stark BG #2 Tank Battery &  
Eagle Creek Gas Pipeline Area  
EOG Resources, Inc.



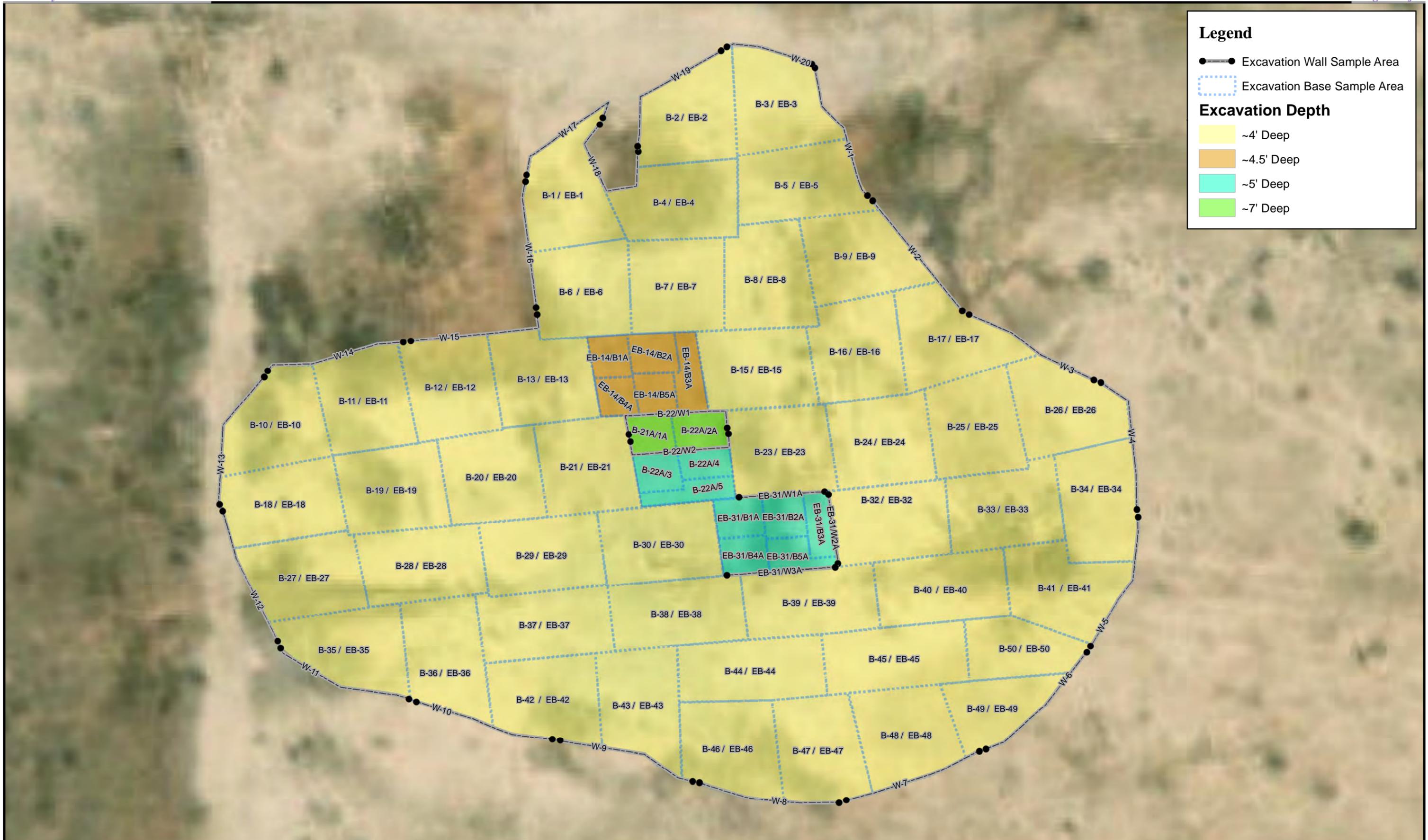
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



1:10,000

**Area Map**

Stark BG #2 Tank Battery &  
Eagle Creek Gas Pipeline Area  
EOG Resources, Inc.

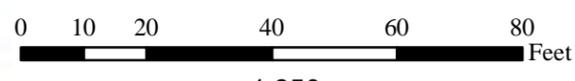


**Legend**

- Excavation Wall Sample Area
- ▭ Excavation Base Sample Area

**Excavation Depth**

- ~4' Deep
- ~4.5' Deep
- ~5' Deep
- ~7' Deep



**NOTES:**  
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.  
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.  
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.  
 ImageSource: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Final Excavation Area and Confirmation Sample Location Map**  
 Stark BG #2 Tank Battery & Eagle Creek Pipeline Area  
 EOG Resources, Inc.

# TABLES

Re-Use Soil Chloride (EPA 300) Analytical Data

Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) &  
Chloride (EPA 300) Analytical Data

## RE-USE SOIL CHLORIDE (EPA 300) ANALYTICAL DATA

#REF!

## STARK BATTERY &amp; PIPELINE AREA

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	CHLORIDE
P-1/1	2/8/2023	230
P-1/2	2/8/2023	<60
P-1/3	2/8/2023	<60
P-1/4	2/8/2023	160
P-2/1	2/8/2023	<60
P-2/2	2/8/2023	<60
P-2/3	2/8/2023	<60
P-2/4	2/8/2023	140
P-3/1	2/8/2023	260
P-3/2	2/8/2023	190
P-3/3	2/8/2023	210
P-3/4	2/8/2023	200
P-4/1	2/8/2023	180
P-4/2	2/8/2023	220
P-4/3	2/8/2023	210
P-4/4	2/8/2023	210
P-5/1	2/8/2023	170
P-5/2	2/8/2023	170
P-5/3	2/8/2023	200
P-5/4	2/8/2023	180
P-6/1	2/8/2023	130
P-6/2	2/8/2023	230
P-6/3	2/8/2023	120
P-6/4	2/8/2023	160
P-7/1	2/8/2023	100
P-7/2	2/8/2023	120
P-7/3	2/8/2023	110
P-7/4	2/8/2023	370

## RE-USE SOIL CHLORIDE (EPA 300) ANALYTICAL DATA

#REF!

## STARK BATTERY &amp; PIPELINE AREA

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	CHLORIDE
P-8/1	2/15/2023	130
P-8/2	2/15/2023	110
P-8/3	2/15/2023	180
P-8/4	2/15/2023	160
P-9/1	2/15/2023	230
P-9/2	2/15/2023	250
P-9/3	2/15/2023	290
P-9/4	2/15/2023	330
P-10/1	2/15/2023	180
P-10/2	2/15/2023	130
P-10/3	2/15/2023	110
P-10/4	2/15/2023	220
P-11/1	2/15/2023	430
P-11/2	2/15/2023	410
P-11/3	2/15/2023	380
P-11/4	2/15/2023	170
P-12/1	2/15/2023	350
P-12/2	2/15/2023	420
P-12/3	2/15/2023	410
P-12/4	2/15/2023	110
P-13/1	2/15/2023	310
P-13/2	2/15/2023	170
P-13/3	2/15/2023	200
P-13/4	2/15/2023	400

## RE-USE SOIL CHLORIDE (EPA 300) ANALYTICAL DATA

#REF!

## STARK BATTERY &amp; PIPELINE AREA

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	CHLORIDE
P-14/1	2/15/2023	420
P-14/2	2/15/2023	350
P-14/3	2/15/2023	330
P-14/4	2/15/2023	320
P-15/1	2/15/2023	130
P-15/2	2/15/2023	280
P-15/3	2/15/2023	110
P-15/4	2/15/2023	170
P-16/1	2/17/2023	<60
P-16/2	2/17/2023	<60
P-16/3	2/17/2023	<60
P-16/4	2/17/2023	<60
P-17/1	2/17/2023	<60
P-17/2	2/17/2023	68
P-17/3	2/17/2023	<60
P-17/4	2/17/2023	<60
P-18/1	2/17/2023	<60
P-18/2	2/17/2023	<60
P-18/3	2/17/2023	<60
P-18/4	2/17/2023	<60
P-19/1	2/17/2023	<60
P-19/2	2/17/2023	66
P-19/3	2/17/2023	<60
P-19/4	2/17/2023	<60
P-20/1	2/17/2023	100
P-20/2	2/17/2023	<60
P-20/3	2/17/2023	96
P-20/4	2/17/2023	88

## RE-USE SOIL CHLORIDE (EPA 300) ANALYTICAL DATA

#REF!

## STARK BATTERY &amp; PIPELINE AREA

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	CHLORIDE
P-21/1	2/28/2023	<60
P-21/2	2/28/2023	77
P-21/3	2/28/2023	<60
P-21/4	2/28/2023	65
P-22/1	2/28/2023	<60
P-22/2	2/28/2023	70
P-22/3	2/28/2023	<60
P-22/4	2/28/2023	<60
P-23/1	2/28/2023	<60
P-23/2	2/28/2023	<60
P-23/3	2/28/2023	<60
P-23/4	2/28/2023	<60
P-24/1	2/28/2023	<60
P-24/2	2/28/2023	<60
P-24/3	2/28/2023	<60
P-24/4	2/28/2023	<60
P-25/1	2/28/2023	<60
P-25/2	2/28/2023	<60
P-25/3	2/28/2023	<60
P-25/4	2/28/2023	<60
P-26/1	2/28/2023	<60
P-26/2	2/28/2023	<60
P-26/3	2/28/2023	<61
P-26/4	2/28/2023	<60

## RE-USE SOIL CHLORIDE (EPA 300) ANALYTICAL DATA

#REF!

## STARK BATTERY &amp; PIPELINE AREA

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	CHLORIDE
P-27/1	2/28/2023	<60
P-27/2	2/28/2023	<60
P-27/3	2/28/2023	<60
P-27/4	2/28/2023	<60
P-28/1	2/28/2023	<60
P-28/2	2/28/2023	<60
P-28/3	2/28/2023	<60
P-28/4	2/28/2023	<59
P-29/1	2/28/2023	780
P-29/2	2/28/2023	830
P-29/3	2/28/2023	880
P-29/4	2/28/2023	880
P-30/1	2/28/2023	770
P-30/2	2/28/2023	650
P-30/3	2/28/2023	670
P-30/4	2/28/2023	640
P-31/1	2/28/2023	<60
P-31/2	2/28/2023	<60
P-31/3	2/28/2023	<60
P-31/4	2/28/2023	<60
P-32/1	2/28/2023	<60
P-32/2	2/28/2023	<60
P-32/3	2/28/2023	<60
P-32/4	2/28/2023	<60
P-33/1	2/28/2023	<60
P-33/2	2/28/2023	<60
P-33/3	2/28/2023	<60
P-33/4	2/28/2023	<60

RE-USE SOIL CHLORIDE (EPA 300) ANALYTICAL DATA #REF! STARK BATTERY & PIPELINE AREA All values presented in parts per million (mg/Kg)		
SAMPLE ID	DATE	CHLORIDE
P-34/1	2/28/2023	<60
P-34/2	2/28/2023	<60
P-34/3	2/28/2023	<60
P-34/4	2/28/2023	<60
<b>19.15.29.13 NMAC Reclamation Criteria                      (0'-4' Soils Only)</b>		<b>600</b>
<b>Notes:</b> 1. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type. 2. All material documented to have a chloride concentration in exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration was removed from the site and transported to a NMOCD approved disposal facility.		

CONFIRMATION SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
EOG RESOURCES, INC.													
STARK BATTERY & PIPELINE AREA													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DEPTH	DATE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
<b>Excavation Wall Soil Samples</b>													
W-1	0-4'	3/6/2023	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<19	<47	<19	<47	280
W-2	0-4'	3/6/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<47	<14	<47	250
W-3	0-4'	3/6/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<13	<44	<13	<44	79
W-4	0-4'	3/6/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<46	<14	<46	73
W-5	0-4'	3/6/2023	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.5	<48	<9.5	<48	320
W-6	0-4'	3/6/2023	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<14	<48	<14	<48	300
W-7	0-4'	3/6/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	110
W-8	0-4'	3/6/2023	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<14	<47	<14	<47	77
W-9	0-4'	3/6/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	250
W-10	0-4'	3/6/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.9	<49	<9.9	<49	260
W-11	0-4'	3/6/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	<60
W-12	0-4'	3/6/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<45	<14	<45	<60
W-13	0-4'	3/6/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<48	<14	<48	<60
W-14	0-4'	3/6/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<49	<15	<49	<60
W-15	0-4'	3/6/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<48	<15	<48	<60
W-16	0-4'	3/6/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.8	<49	<9.8	<49	78
W-17	0-4'	3/6/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<50	<15	<50	130
W-18	0-4'	3/6/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	310
W-19	0-4'	3/6/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	35	52	35	87	330
W-20	0-4'	3/6/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<50	<15	<50	570
<b>Excavation Base Area Soil Samples</b>													
B-1	4'	3/8/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	26	<50	26	26	3,000
EB-1	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	60	98	60	158	1,900
B-2	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	33	<46	33	33	1,700
EB-2	4'	4/24/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	51	62	51	113	950
B-3	4'	3/8/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	12	<49	12	12	1,500
EB-3	4'	4/24/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	190	220	190	410	1,500
B-4	4'	3/8/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	35	<50	35	35	550
EB-4	4'	4/24/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	61	94	61	155	300
B-5	4'	3/8/2023	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	16	<50	16	16	2,200
EB-5	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	63	160	63	223	1,100
B-6	4'	3/8/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	360	420	360	780	1,400
EB-6	4'	4/24/2023	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	110	180	110	290	1,200
B-7	4'	3/8/2023	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	110	130	110	240	890
EB-7	4'	4/24/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	48	70	48	118	690
B-8	4'	3/8/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	220	400	220	620	2,400
EB-8	4'	4/24/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	190	310	190	500	1,800
B-9	4'	3/8/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.8	<49	<9.8	<49	1,100
EB-9	4'	4/24/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.3	<46	<9.3	<46	4,200
B-10	4'	3/8/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	3,100
EB-10	4'	4/24/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.4	<47	<9.4	<47	3,500
B-11	4'	3/8/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	5,200
EB-11	4'	4/24/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.1	<45	<9.1	<45	2,200
B-12	4'	3/8/2023	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.7	<49	<9.7	<49	1,700
EB-12	4'	4/24/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.3	<46	<9.3	<46	620
B-13	4'	3/8/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	28	<50	28	28	2,500
EB-13	4'	4/24/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	80	84	80	164	2,700
B-14	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<48	<9.7	<48	2,600
EB-14	4'	4/24/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	4,200	730	4,200	4,930	6,200
EB-14/B1A	4.5'	5/23/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	28	<50	28	28	880
EB-14/B2A	4.5'	5/23/2023	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	18	<50	18	18	1,000
EB-14/B3A	4.5'	5/23/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	23	<49	23	23	860
EB-14/B4A	4.5'	5/23/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	38	59	38	97	910
EB-14/B5A	4.5'	5/23/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	42	52	42	94	1,100
B-15	4'	3/8/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	23	<48	23	23	1,800
EB-15	4'	4/24/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	70	130	70	200	4,400
B-16	4'	3/8/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.5	<48	<9.5	<48	4,300
EB-16	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	21	<47	21	21	1,500
B-17	4'	3/8/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.4	<47	<9.4	<47	2,700
EB-17	4'	4/24/2023	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<9.6	<48	7,400
B-18	4'	3/8/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<10	<50	<10	<50	3,500
EB-18	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.7	<49	<9.7	<49	3,700
B-19	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<48	<9.7	<48	8,500
EB-19	4'	4/24/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	8,700
B-20	4'	3/8/2023	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.7	<48	<9.7	<48	4,300
EB-20	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.5	<48	<9.5	<48	8,000
B-21	4'	3/8/2023	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	81	120	81	201	1,600
EB-21	4'	4/24/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	47	56	47	103	3,500

CONFIRMATION SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
EOG RESOURCES, INC.													
STARK BATTERY & PIPELINE AREA													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DEPTH	DATE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
B-22	4'	3/8/2023	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	2,900	2,500	2,900	5,400	1,400
B-22A/1	6'	3/23/2023	<0.12	0.98	1.9	4.0	6.88	100	7,300	3,500	7,400	10,900	880
B-22A/2	6'	3/23/2023	<0.12	0.30	2.9	5.7	8.9	170	12,000	5,000	12,170	17,700	2,900
B-22A/1A	7'	4/6/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	100	66	100	166	290
B-21A/1A	7'	4/6/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	200	120	200	320	930
B-22A/3	5'	3/23/2023	<0.12	<0.24	<0.24	<0.48	<0.48	<24	800	1,300	800	2,100	1,100
B-22A/4	5'	3/23/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	120	170	120	290	540
B-22A/5	5'	3/23/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	69	130	69	199	520
B-22/W1	4'-7'	4/6/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	110	87	110	197	390
B-22/W2	4'-7'	4/6/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	120	70	120	190	960
B-23	4'	3/8/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	430	680	430	1,110	3,500
EB-23	4'	4/24/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	380	600	380	980	3,400
B-24	4'	3/8/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.5	<47	<9.5	<47	2,700
EB-24	4'	4/24/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.4	<47	<9.4	<47	5,200
B-25	4'	3/8/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<10	<50	<10	<50	4,800
EB-25	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<9.9	<49	6,800
B-26	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.9	<49	<9.9	<49	390
EB-26	4'	4/24/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<50	<9.9	<50	1300
B-27	4'	3/8/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<10	<50	<10	<50	390
EB-27	4'	4/24/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.4	<47	<9.4	<47	2,800
B-28	4'	3/8/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<49	<9.7	<49	1,600
EB-28	4'	4/24/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	5,300
B-29	4'	3/8/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.7	<49	<9.7	<49	3,000
EB-29	4'	4/24/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.7	<48	<9.7	<48	4,000
B-30	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	870	580	870	1,450	2,300
EB-30	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	12	<44	12	12	1,300
B-31	4'	3/8/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.3	<47	<9.3	<47	440
EB-31	4'	4/24/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	2,500	1,100	2,500	3,600	1900
EB-31/B1A	5'	5/23/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<10	<50	<10	<50	1,400
EB-31/B2A	5'	5/23/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<49	<9.7	<49	1,400
EB-31/B3A	5'	5/23/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	2,200
EB-31/B4A	5'	5/23/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.5	<48	<9.5	<48	2,900
EB-31/B5A	5'	5/23/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.6	<48	<9.6	<48	2,300
EB-31/W1A	4'-5'	5/23/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<9.8	<49	2,500
EB-31/W2A	4'-5'	5/23/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	13	<47	13	13	1,500
EB-31/W3A	4'-5'	5/23/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.8	<49	<9.8	<49	2,600
B-32	4'	3/8/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	1,700
EB-32	4'	4/24/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.6	<48	<9.6	<48	1,100
B-33	4'	3/8/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<10	<50	<10	<50	3,600
EB-33	4'	4/24/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<10	<50	<10	<50	1,600
B-34	4'	3/8/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	1,900
EB-34	4'	4/24/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	910
B-35	4'	3/8/2023	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<9.3	<46	180
EB-35	4'	4/24/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.0	<45	<9.0	<45	460
B-36	4'	3/8/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<10	<50	<10	<50	3,800
EB-36	4'	4/24/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.6	<48	<9.6	<48	3,500
B-37	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.3	<46	<9.3	<46	2,700
EB-37	4'	4/24/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.5	<47	<9.5	<47	4,200
B-38	4'	3/8/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.4	<47	<9.4	<47	1,200
EB-38	4'	4/24/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.5	<48	<9.5	<48	2,000
B-39	4'	3/8/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.0	<45	<9.0	<45	3,100
EB-39	4'	4/24/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<49	<9.7	<49	1,500
B-40	4'	3/8/2023	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.9	<50	<9.9	<50	4,700
EB-40	4'	4/24/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.1	<46	<9.1	<46	4,500
B-41	4'	3/8/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.0	<45	<9.0	<45	3,500
EB-41	4'	4/24/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	1,800
B-42	4'	3/8/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<8.6	<43	<8.6	<43	1,200
EB-42	4'	4/24/2023	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.1	<46	<9.1	<46	1,400
B-43	4'	3/8/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.3	<46	<9.3	<46	2,700
EB-43	4'	4/24/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	2,200
B-44	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.6	<48	<9.6	<48	4,900
EB-44	4'	4/24/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.9	<49	<9.9	<49	1,300
B-45	4'	3/8/2023	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<8.9	<44	<8.9	<44	7,300
EB-45	4'	4/24/2023	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.2	<46	<9.2	<46	5,300
B-46	4'	3/8/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.6	<48	<9.6	<48	700
EB-46	4'	4/24/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<8.9	<44	<8.9	<44	510
B-47	4'	3/8/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.5	<48	<9.5	<48	1,200
EB-47	4'	4/24/2023	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.5	<47	<9.5	<47	2,100

CONFIRMATION SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. STARK BATTERY & PIPELINE AREA													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DEPTH	DATE	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
B-48	4'	3/8/2023	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.9	<50	<9.9	<50	1,000
EB-48	4'	4/24/2023	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.4	<47	<9.4	<47	350
B-49	4'	3/8/2023	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.1	<46	<9.1	<46	870
EB-49	4'	4/24/2023	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	720
B-50	4'	3/8/2023	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<8.4	<42	<8.4	<42	6,500
EB-50	4'	4/24/2023	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<49	<9.9	<49	5,600
<b>19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW &gt;100')</b>			<b>10</b>	---	---	---	<b>50</b>	---	---	---	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)</b>			<b>10<sup>3</sup></b>	---	---	---	<b>50<sup>3</sup></b>	---	---	---	---	<b>100<sup>3</sup></b>	<b>600</b>
<b>Notes:</b>													
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.													
4. Strikethrough indicates sample area has been over-excavated and an additional sample(s) have been collected from the area.													

ATTACHMENT 1 – PHOTOGRAPHIC  
DOCUMENTATION



**PHOTOGRAPH NO. 1 – A general view of the site during the soil removal operations. The view is towards the southeast.**

*(Approximate GPS: 32.724383, -104.443246)*



**PHOTOGRAPH NO. 2 – A view of stockpiled material awaiting assessment sampling to determine if the material was suitable for re-use. The view is towards the southeast.**

*(Approximate GPS: 32.724763, -104.443029)*



**PHOTOGRAPH NO. 3 – A view of over-excavation activities in areas documented to have elevated TPH concentrations. The view is towards the south.**  
(Approximate GPS: 32.724539, -104.442978)



**PHOTOGRAPH NO. 3 – A view of excavated area upon completion of the soil removal operations. The view is towards the west.**  
(Approximate GPS: 32.724507, -104.442633)



**PHOTOGRAPH NO. 3 – An additional view of excavated area upon completion of the soil removal operations. The material designated for re-use can be seen in the background of the photograph. The view is towards the east.**

*(Approximate GPS: 32.724279, -104.443530)*

# ATTACHMENT 2 – LABORATORY ANALYTICAL REPORTS



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

February 16, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Stark BG Battery

OrderNo.: 2302497

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 28 sample(s) on 2/10/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-1/1

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:30:00 AM

**Lab ID:** 2302497-001

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	230	60		mg/Kg	20	2/14/2023 9:52:00 AM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-1/2

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:34:00 AM

**Lab ID:** 2302497-002

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	2/14/2023 10:04:21 AM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-1/3

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:38:00 AM

**Lab ID:** 2302497-003

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	2/14/2023 10:16:42 AM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-1/4

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:42:00 AM

**Lab ID:** 2302497-004

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	160	60		mg/Kg	20	2/14/2023 11:19:30 AM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-2/1

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:46:00 AM

**Lab ID:** 2302497-005

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	2/14/2023 11:31:50 AM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-2/2

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:50:00 AM

**Lab ID:** 2302497-006

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	2/14/2023 11:44:11 AM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-2/3

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:54:00 AM

**Lab ID:** 2302497-007

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	2/14/2023 11:56:31 AM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-2/4

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 9:58:00 AM

**Lab ID:** 2302497-008

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	140	60		mg/Kg	20	2/14/2023 12:58:14 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-3/1

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:02:00 AM

**Lab ID:** 2302497-009

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	260	60		mg/Kg	20	2/14/2023 1:10:35 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-3/2

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:06:00 AM

**Lab ID:** 2302497-010

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	190	60		mg/Kg	20	2/14/2023 1:47:38 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-3/3

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:10:00 AM

**Lab ID:** 2302497-011

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	210	60		mg/Kg	20	2/14/2023 1:59:59 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-3/4

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:14:00 AM

**Lab ID:** 2302497-012

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	200	60		mg/Kg	20	2/14/2023 2:12:20 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-4/1

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:18:00 AM

**Lab ID:** 2302497-013

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	180	60		mg/Kg	20	2/14/2023 2:24:40 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-4/2

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:22:00 AM

**Lab ID:** 2302497-014

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	220	60		mg/Kg	20	2/14/2023 2:37:01 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-4/3

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:26:00 AM

**Lab ID:** 2302497-015

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	210	60		mg/Kg	20	2/14/2023 2:49:22 PM	73164

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-4/4

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:30:00 AM

**Lab ID:** 2302497-016

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	210	60		mg/Kg	20	2/14/2023 5:04:40 PM	73181

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-5/1

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:34:00 AM

**Lab ID:** 2302497-017

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	170	60		mg/Kg	20	2/14/2023 5:17:01 PM	73181

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-5/2

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:40:00 AM

**Lab ID:** 2302497-018

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	170	60		mg/Kg	20	2/15/2023 1:06:06 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-5/3

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:44:00 AM

**Lab ID:** 2302497-019

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	200	60		mg/Kg	20	2/15/2023 1:18:27 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-5/4

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:48:00 AM

**Lab ID:** 2302497-020

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	180	60		mg/Kg	20	2/15/2023 1:30:47 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-6/1

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:52:00 AM

**Lab ID:** 2302497-021

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	130	60		mg/Kg	20	2/15/2023 1:43:07 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-6/2

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 10:56:00 AM

**Lab ID:** 2302497-022

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	230	60		mg/Kg	20	2/15/2023 2:20:08 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-6/3

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 11:00:00 AM

**Lab ID:** 2302497-023

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	120	60		mg/Kg	20	2/15/2023 2:32:28 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-6/4

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 11:04:00 AM

**Lab ID:** 2302497-024

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	160	60		mg/Kg	20	2/15/2023 2:44:49 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-7/1

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 11:08:00 AM

**Lab ID:** 2302497-025

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	100	60		mg/Kg	20	2/15/2023 2:57:10 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-7/2

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 11:12:00 AM

**Lab ID:** 2302497-026

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	120	60		mg/Kg	20	2/15/2023 3:09:31 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-7/3

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 11:16:00 AM

**Lab ID:** 2302497-027

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	110	60		mg/Kg	20	2/15/2023 3:21:51 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302497**

Date Reported: **2/16/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-7/4

**Project:** Stark BG Battery

**Collection Date:** 2/8/2023 11:20:00 AM

**Lab ID:** 2302497-028

**Matrix:** SOIL

**Received Date:** 2/10/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	370	60		mg/Kg	20	2/15/2023 3:34:13 AM	73184

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2302497

16-Feb-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-73164</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73164</b>	RunNo: <b>94587</b>								
Prep Date: <b>2/14/2023</b>	Analysis Date: <b>2/14/2023</b>	SeqNo: <b>3420336</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73164</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73164</b>	RunNo: <b>94587</b>								
Prep Date: <b>2/14/2023</b>	Analysis Date: <b>2/14/2023</b>	SeqNo: <b>3420337</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.5	90	110			

Sample ID: <b>MB-73181</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73181</b>	RunNo: <b>94587</b>								
Prep Date: <b>2/14/2023</b>	Analysis Date: <b>2/14/2023</b>	SeqNo: <b>3420367</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73181</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73181</b>	RunNo: <b>94587</b>								
Prep Date: <b>2/14/2023</b>	Analysis Date: <b>2/14/2023</b>	SeqNo: <b>3420368</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Sample ID: <b>MB-73184</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73184</b>	RunNo: <b>94587</b>								
Prep Date: <b>2/14/2023</b>	Analysis Date: <b>2/14/2023</b>	SeqNo: <b>3420401</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73184</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73184</b>	RunNo: <b>94587</b>								
Prep Date: <b>2/14/2023</b>	Analysis Date: <b>2/14/2023</b>	SeqNo: <b>3420402</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	90	110			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2302497 RcptNo: 1

Received By: Juan Rojas 2/10/2023 7:10:00 AM
Completed By: Tracy Casarrubias 2/10/2023 8:13:09 AM
Reviewed By: JR 2/10/23

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: JR 2/10/23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: Date:
By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.6, Good, Yes, Morty, ,



2 of 3

Received by OGD: 6/21/2023 1:37:16 PM



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Turn-Around Time: **EOG**  
 Standard  Rush **5 DAY FAT**  
 Project Name: **STARK BG BATTERY**

Project #: 5375  
 Project Manager: W. Kierdorf

Sampler: **W. Kennedy**  
 On Ice:  Yes  No  
 # of Coolers: **1**  
 Cooler Temp (including CP): **0.4 F ± 0.6**

Container Type and #  
 Preservative Type  
 HEAL No. **2302497**

TPH:8015D(GRO / DRO / MRO)  
 BTEX (8021)  
 Chloride (EPA 300)

Client: EOG-Artesia / Ranger Env.  
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210  
 Ranger: PO Box 201179, Austin TX 78720  
 Phone #: 521-335-1785  
 email or Fax#: Will@RangerEnv.com

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

Date Time Matrix Sample Name

1-8-23 1018 50.1 P-4 / 2  
 1022 P-4 / 2  
 1026 P-4 / 3  
 1030 P-4 / 4  
 1034 P-5 / 2  
 1040 P-5 / 2  
 1044 P-5 / 3  
 1048 P-5 / 4  
 1052 P-6 / 2  
 1056 P-6 / 2  
 1100 P-6 / 3  
 1104 P-6 / 4

Date Time Relinquished by:  
 2-9-23 0901 [Signature]  
 2/9/23 1900 [Signature]

Date Time Relinquished by:  
 2/9/23 0801 [Signature]  
 2/10/23 7:10 [Signature]

Received by: **W. Kennedy** Date Time: 2/9/23 0801  
 Received by: **[Signature]** Date Time: 2/10/23 7:10

Remarks: Bill to EOG Artesia  
 Per client only Analyze for Chloride. 2.10.23

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.





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

February 22, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Stark BG Battery

OrderNo.: 2302788

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 32 sample(s) on 2/17/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-8/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:30:00 AM

**Lab ID:** 2302788-001

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	130	60		mg/Kg	20	2/18/2023 2:47:37 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-8/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:32:00 AM

**Lab ID:** 2302788-002

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	110	59		mg/Kg	20	2/18/2023 3:24:50 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: **2/22/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-8/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:34:00 AM

**Lab ID:** 2302788-003

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	180	60		mg/Kg	20	2/18/2023 4:02:04 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-8/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:36:00 AM

**Lab ID:** 2302788-004

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	160	60		mg/Kg	20	2/18/2023 4:14:29 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-9/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:44:00 AM

**Lab ID:** 2302788-005

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	230	60		mg/Kg	20	2/18/2023 4:51:44 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: **2/22/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-9/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:46:00 AM

**Lab ID:** 2302788-006

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	250	60		mg/Kg	20	2/18/2023 5:04:08 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-9/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:48:00 AM

**Lab ID:** 2302788-007

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	290	60		mg/Kg	20	2/18/2023 5:16:33 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-9/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:50:00 AM

**Lab ID:** 2302788-008

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	330	60		mg/Kg	20	2/18/2023 5:28:58 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: **2/22/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-10/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:52:00 AM

**Lab ID:** 2302788-009

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	180	60		mg/Kg	20	2/18/2023 5:41:23 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-10/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:54:00 AM

**Lab ID:** 2302788-010

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	130	60		mg/Kg	20	2/18/2023 5:53:47 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-10/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:56:00 AM

**Lab ID:** 2302788-011

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	110	60		mg/Kg	20	2/18/2023 6:06:12 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: **2/22/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-10/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 9:58:00 AM

**Lab ID:** 2302788-012

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	220	60		mg/Kg	20	2/18/2023 6:18:37 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-11/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:02:00 AM

**Lab ID:** 2302788-013

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	430	59		mg/Kg	20	2/18/2023 6:31:02 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-11/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:04:00 AM

**Lab ID:** 2302788-014

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	410	60		mg/Kg	20	2/18/2023 6:43:27 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-11/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:06:00 AM

**Lab ID:** 2302788-015

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	380	60		mg/Kg	20	2/18/2023 7:20:41 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-11/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:08:00 AM

**Lab ID:** 2302788-016

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	170	60		mg/Kg	20	2/18/2023 7:33:06 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-12/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:12:00 AM

**Lab ID:** 2302788-017

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	350	60		mg/Kg	20	2/18/2023 7:45:31 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-12/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:14:00 AM

**Lab ID:** 2302788-018

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	420	60		mg/Kg	20	2/18/2023 7:57:55 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-12/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:16:00 AM

**Lab ID:** 2302788-019

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	410	60		mg/Kg	20	2/18/2023 8:10:20 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-12/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:18:00 AM

**Lab ID:** 2302788-020

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	110	60		mg/Kg	20	2/18/2023 8:22:45 PM	73253

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-13/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:24:00 AM

**Lab ID:** 2302788-021

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	310	60		mg/Kg	20	2/20/2023 4:35:53 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-13/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:26:00 AM

**Lab ID:** 2302788-022

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	170	60		mg/Kg	20	2/20/2023 4:48:18 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-13/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:28:00 AM

**Lab ID:** 2302788-023

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	200	60		mg/Kg	20	2/20/2023 5:00:42 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-13/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:30:00 AM

**Lab ID:** 2302788-024

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	400	60		mg/Kg	20	2/20/2023 5:13:06 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-14/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:34:00 AM

**Lab ID:** 2302788-025

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	420	60		mg/Kg	20	2/20/2023 5:50:21 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-14/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:36:00 AM

**Lab ID:** 2302788-026

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	350	60		mg/Kg	20	2/20/2023 6:02:45 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-14/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:38:00 AM

**Lab ID:** 2302788-027

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	330	60		mg/Kg	20	2/20/2023 6:15:09 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-14/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:40:00 AM

**Lab ID:** 2302788-028

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	320	60		mg/Kg	20	2/20/2023 6:27:34 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-15/1

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:52:00 AM

**Lab ID:** 2302788-029

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	130	60		mg/Kg	20	2/20/2023 6:39:58 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-15/2

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:54:00 AM

**Lab ID:** 2302788-030

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	280	60		mg/Kg	20	2/20/2023 6:52:22 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-15/3

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:56:00 AM

**Lab ID:** 2302788-031

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	110	60		mg/Kg	20	2/20/2023 7:04:46 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302788**

Date Reported: 2/22/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-15/4

**Project:** Stark BG Battery

**Collection Date:** 2/15/2023 10:58:00 AM

**Lab ID:** 2302788-032

**Matrix:** SOIL

**Received Date:** 2/17/2023 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	170	60		mg/Kg	20	2/20/2023 7:17:11 PM	73267

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2302788

22-Feb-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-73253</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73253</b>	RunNo: <b>94705</b>								
Prep Date: <b>2/18/2023</b>	Analysis Date: <b>2/18/2023</b>	SeqNo: <b>3423694</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73253</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73253</b>	RunNo: <b>94705</b>								
Prep Date: <b>2/18/2023</b>	Analysis Date: <b>2/18/2023</b>	SeqNo: <b>3423695</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.8	90	110			

Sample ID: <b>MB-73267</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73267</b>	RunNo: <b>94745</b>								
Prep Date: <b>2/20/2023</b>	Analysis Date: <b>2/20/2023</b>	SeqNo: <b>3424635</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73267</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73267</b>	RunNo: <b>94745</b>								
Prep Date: <b>2/20/2023</b>	Analysis Date: <b>2/20/2023</b>	SeqNo: <b>3424636</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2302788 RcptNo: 1

Received By: Tracy Casarrubias 2/17/2023 8:25:00 AM
Completed By: Tracy Casarrubias 2/17/2023 9:47:54 AM
Reviewed By: TML 2/17/23

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: [signature] 2/17/23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 1.2, Good, Yes, Morty, [ ], [ ]

**Chain-of-Custody Record**

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type) Excel

Turn-Around Time: EOG  
 Standard  Rush 5 DAY TAT  
 Project Name: STARBUCK BATTERY

Project #: 5375

Project Manager: W. Kierdorf

Sampler: A. Martinez

On Ice:  Yes  No mertry

# of Coolers: 1

Cooler Temp (including CF): 1 + 0.1 = 12.1

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
2-15-23	0930	S-1	P-8 / 2	1x 42 Jar	ICE	001			X
	0932		P-8 / 2			002			
	0934		P-8 / 3			003			
	0936		P-8 / 4			004			
	0944		P-9 / 1			005			
	0946		P-9 / 2			006			
	0948		P-9 / 3			007			
	0950		P-9 / 4			008			
	0952		P-10 / 1			009			
	0954		P-10 / 2			010			
	0956		P-10 / 3			011			
	0958		P-10 / 4			012			

**Analysis Request**

Remarks: Bill to EOG Artesia									
------------------------------	--	--	--	--	--	--	--	--	--

Received by: [Signature] Date: 2/16/23 Time: 6:20  
 Relinquished by: [Signature]  
 Received by: [Signature] Date: 2/17/23 Time: 8:25  
 Relinquished by: [Signature]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.







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

February 27, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Stark BG Battery

OrderNo.: 2302855

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 20 sample(s) on 2/21/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-16/1

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:20:00 PM

**Lab ID:** 2302855-001

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 6:32:54 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-16/2

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:22:00 PM

**Lab ID:** 2302855-002

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 6:45:15 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-16/3

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:24:00 PM

**Lab ID:** 2302855-003

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 6:57:36 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-16/4

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:26:00 PM

**Lab ID:** 2302855-004

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 7:34:39 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-17/1

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:28:00 PM

**Lab ID:** 2302855-005

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 7:47:00 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-17/2

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:30:00 PM

**Lab ID:** 2302855-006

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	68	60		mg/Kg	20	2/21/2023 7:59:20 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-17/3

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:32:00 PM

**Lab ID:** 2302855-007

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 8:11:41 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-17/4

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:34:00 PM

**Lab ID:** 2302855-008

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 8:24:02 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-18/1

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:36:00 PM

**Lab ID:** 2302855-009

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 9:01:03 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-18/2

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:38:00 PM

**Lab ID:** 2302855-010

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 9:13:24 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-18/3

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:40:00 PM

**Lab ID:** 2302855-011

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 9:25:45 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-18/4

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:42:00 PM

**Lab ID:** 2302855-012

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 10:02:47 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-19/1

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:46:00 PM

**Lab ID:** 2302855-013

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 10:15:07 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-19/2

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:48:00 PM

**Lab ID:** 2302855-014

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	66	60		mg/Kg	20	2/21/2023 10:27:28 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-19/3

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:50:00 PM

**Lab ID:** 2302855-015

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 10:39:48 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-19/4

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:52:00 PM

**Lab ID:** 2302855-016

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 10:52:08 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-20/1

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:54:00 PM

**Lab ID:** 2302855-017

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	100	60		mg/Kg	20	2/21/2023 11:29:08 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-20/2

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:56:00 PM

**Lab ID:** 2302855-018

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	ND	60		mg/Kg	20	2/21/2023 11:41:29 PM	73297

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-20/3

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 3:58:00 PM

**Lab ID:** 2302855-019

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	96	60		mg/Kg	20	2/22/2023 5:51:48 PM	73315

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2302855**

Date Reported: **2/27/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** P-20/4

**Project:** Stark BG Battery

**Collection Date:** 2/17/2023 4:00:00 PM

**Lab ID:** 2302855-020

**Matrix:** SOIL

**Received Date:** 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	88	60		mg/Kg	20	2/22/2023 6:04:12 PM	73315

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2302855

27-Feb-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-73297</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73297</b>	RunNo: <b>94770</b>								
Prep Date: <b>2/21/2023</b>	Analysis Date: <b>2/21/2023</b>	SeqNo: <b>3425748</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73297</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73297</b>	RunNo: <b>94770</b>								
Prep Date: <b>2/21/2023</b>	Analysis Date: <b>2/21/2023</b>	SeqNo: <b>3425749</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.9	90	110			

Sample ID: <b>MB-73315</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73315</b>	RunNo: <b>94813</b>								
Prep Date: <b>2/22/2023</b>	Analysis Date: <b>2/22/2023</b>	SeqNo: <b>3426772</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73315</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73315</b>	RunNo: <b>94813</b>								
Prep Date: <b>2/22/2023</b>	Analysis Date: <b>2/22/2023</b>	SeqNo: <b>3426773</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.7	90	110			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2302855 RcptNo: 1

Received By: Tracy Casarrubias 2/21/2023 7:20:00 AM

Completed By: Tracy Casarrubias 2/21/2023 9:01:12 AM

Reviewed By: jn 2/21/23

Chain of Custody

1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]

4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]

5. Sample(s) in proper container(s)? Yes [checked] No [ ]

6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]

7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]

8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]

10. Were any sample containers received broken? Yes [ ] No [checked]

11. Does paperwork match bottle labels? Yes [checked] No [ ]

12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]

13. Is it clear what analyses were requested? Yes [checked] No [ ]

14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: jn 2-21-23

Special Handling (if applicable)

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

Person Notified: Date: By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person Regarding: Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.

Turn-Around Time: EOG

Standard  Rush 5 DAY TAT

Project Name: STARK BG BATTERY

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez / W. Kennedy

On Ice:  Yes  No Yogi

# of Coolers: 1

Cooler Temp (including O/F): 5.5 - 0.1 ~ 5.4°C

Container Type and # 1x42 Jar 1CF

TPH:8015D(GRO / DRO / MRO)

Chloride (EPA 300)

BTEX (8021)

HEAL No. 2302855

Preservative Type

Received by: Chummar Date: 7/12/23 Time: 7:20

Relinquished by: any

Relinquished by: Chummar

Date: 7/12/23 Time: 0800

Date: 7/12/23 Time: 1900

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)	BTEX (8021)
7-11-23	1520	Soil	P-16/1	1x42 Jar 1CF		001		X	
	1522		P-16/2			002			
	1524		P-16/3			003			
	1526		P-16/4			004			
	1528		P-17/1			005			
	1530		P-17/2			006			
	1532		P-17/3			007			
	1534		P-17/4			008			
	1536		P-18/1			009			
	1538		P-18/2			010			
	1540		P-18/3			011			
	1542		P-18/4			012			

Remarks: Bill to EOG Artesia

**Chain-of-Custody Record**

Client: EOG-Artesia / Ranger Env.  
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210  
 Ranger: PO Box 201179, Austin TX 78720  
 Phone #: 521-335-1785  
 email or Fax#: Will@RangerEnv.com

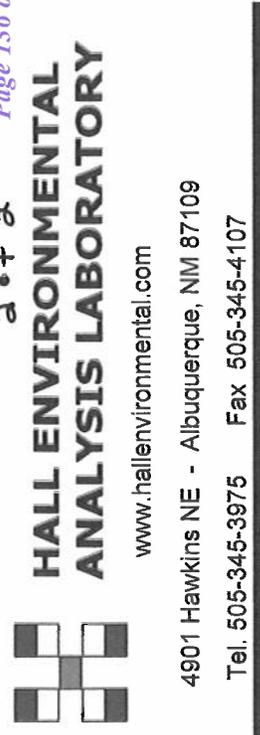
QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type) Excel

Turn-Around Time: EOG  
 Standard  Rush 5 DAY TAT  
 Project Name:  
STARK BG BATTERY  
 Project #: 5375

Project Manager: W. Kierdorf  
 Sampler: W. Kennedy / L. Martinez  
 On Ice:  Yes  No yes  
 # of Coolers: 2  
 Cooler Temp (including CF): 5.5 - 0.1 - 5.4

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-17-23	1540	soil	P-19/2	1x42 Lbr	ICE	013
	1548		P-19/2			014
	1550		P-19/3			015
	1552		P-19/4			016
	1554		<del>P-20/1</del>			017
	1556		P-20/2			018
	1558		P-20/3			019
	1600		P-20/4			020

Received by: [Signature] Date: 2/17/23 Time: 800  
 Received by: [Signature] Date: 2/21/23 Time: 7:20



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX (8021)	
TPH:8015D(GRO / DRO / MRO)	
Chloride (EPA 300)	X

Remarks: Bill to EOG Artesia

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



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

March 13, 2023

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

RE: STARK BG Battery

OrderNo.: 2303174

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 56 sample(s) on 3/3/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-001 **Collection Date:** 2/28/2023 3:00:00 PM  
**Client Sample ID:** P-21/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	ND	60		mg/Kg	20	3/6/2023 11:55:14 PM	73533

**Lab ID:** 2303174-002 **Collection Date:** 2/28/2023 3:02:00 PM  
**Client Sample ID:** P-21/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	77	60		mg/Kg	20	3/7/2023 12:07:38 AM	73533

**Lab ID:** 2303174-003 **Collection Date:** 2/28/2023 3:04:00 PM  
**Client Sample ID:** P-21/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	ND	60		mg/Kg	20	3/7/2023 12:20:03 AM	73533

**Lab ID:** 2303174-004 **Collection Date:** 2/28/2023 3:06:00 PM  
**Client Sample ID:** P-21/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	65	60		mg/Kg	20	3/8/2023 2:04:20 PM	73574

**Lab ID:** 2303174-005 **Collection Date:** 2/28/2023 3:08:00 PM  
**Client Sample ID:** P-22/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 2:16:45 PM	73574

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of 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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**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-006 **Collection Date:** 2/28/2023 3:10:00 PM  
**Client Sample ID:** P-22/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	70	60		mg/Kg	20	3/8/2023 2:29:10 PM	73574

**Lab ID:** 2303174-007 **Collection Date:** 2/28/2023 3:12:00 PM  
**Client Sample ID:** P-22/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 3:06:22 PM	73574

**Lab ID:** 2303174-008 **Collection Date:** 2/28/2023 3:14:00 PM  
**Client Sample ID:** P-22/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 3:18:47 PM	73574

**Lab ID:** 2303174-009 **Collection Date:** 2/28/2023 3:20:00 PM  
**Client Sample ID:** P-23/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 3:31:11 PM	73574

**Lab ID:** 2303174-010 **Collection Date:** 2/28/2023 3:22:00 PM  
**Client Sample ID:** P-23/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 3:43:36 PM	73574

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-011 **Collection Date:** 2/28/2023 3:24:00 PM  
**Client Sample ID:** P-23/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 3:56:00 PM	73574

**Lab ID:** 2303174-012 **Collection Date:** 2/28/2023 3:26:00 PM  
**Client Sample ID:** P-23/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 4:08:25 PM	73574

**Lab ID:** 2303174-013 **Collection Date:** 2/28/2023 3:30:00 PM  
**Client Sample ID:** P-24/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 4:20:50 PM	73574

**Lab ID:** 2303174-014 **Collection Date:** 2/28/2023 3:32:00 PM  
**Client Sample ID:** P-24/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 4:33:14 PM	73574

**Lab ID:** 2303174-015 **Collection Date:** 2/28/2023 3:34:00 PM  
**Client Sample ID:** P-24/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 4:45:38 PM	73574

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-016 **Collection Date:** 2/28/2023 3:36:00 PM  
**Client Sample ID:** P-24/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 5:47:40 PM	73574

**Lab ID:** 2303174-017 **Collection Date:** 2/28/2023 3:38:00 PM  
**Client Sample ID:** P-25/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 6:00:05 PM	73574

**Lab ID:** 2303174-018 **Collection Date:** 2/28/2023 3:40:00 PM  
**Client Sample ID:** P-25/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 6:12:30 PM	73574

**Lab ID:** 2303174-019 **Collection Date:** 2/28/2023 3:42:00 PM  
**Client Sample ID:** P-25/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 6:24:55 PM	73574

**Lab ID:** 2303174-020 **Collection Date:** 2/28/2023 3:44:00 PM  
**Client Sample ID:** P-25/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 6:37:20 PM	73574

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-021 **Collection Date:** 2/28/2023 3:46:00 PM  
**Client Sample ID:** P-26/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 7:14:33 PM	73584

**Lab ID:** 2303174-022 **Collection Date:** 2/28/2023 3:48:00 PM  
**Client Sample ID:** P-26/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 7:51:48 PM	73584

**Lab ID:** 2303174-023 **Collection Date:** 2/28/2023 3:50:00 PM  
**Client Sample ID:** P-26/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	61		mg/Kg	20	3/8/2023 8:04:12 PM	73584

**Lab ID:** 2303174-024 **Collection Date:** 2/28/2023 3:52:00 PM  
**Client Sample ID:** P-26/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 8:41:25 PM	73584

**Lab ID:** 2303174-025 **Collection Date:** 2/28/2023 3:54:00 PM  
**Client Sample ID:** P-27/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 8:53:50 PM	73584

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-026 **Collection Date:** 2/28/2023 3:56:00 PM  
**Client Sample ID:** P-27/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 9:06:14 PM	73584

**Lab ID:** 2303174-027 **Collection Date:** 2/28/2023 3:58:00 PM  
**Client Sample ID:** P-27/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 9:18:39 PM	73584

**Lab ID:** 2303174-028 **Collection Date:** 2/28/2023 4:00:00 PM  
**Client Sample ID:** P-27/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 10:20:43 PM	73584

**Lab ID:** 2303174-029 **Collection Date:** 2/28/2023 4:04:00 PM  
**Client Sample ID:** P-28/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 10:33:07 PM	73584

**Lab ID:** 2303174-030 **Collection Date:** 2/28/2023 4:08:00 PM  
**Client Sample ID:** P-28/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 10:45:32 PM	73584

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-031 **Collection Date:** 2/28/2023 4:10:00 PM  
**Client Sample ID:** P-28/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/8/2023 10:57:56 PM	73584

**Lab ID:** 2303174-032 **Collection Date:** 2/28/2023 4:12:00 PM  
**Client Sample ID:** P-28/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	59		mg/Kg	20	3/8/2023 11:10:21 PM	73584

**Lab ID:** 2303174-033 **Collection Date:** 2/28/2023 4:14:00 PM  
**Client Sample ID:** P-29/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	780	60		mg/Kg	20	3/8/2023 11:22:46 PM	73584

**Lab ID:** 2303174-034 **Collection Date:** 2/28/2023 4:16:00 PM  
**Client Sample ID:** P-29/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	830	60		mg/Kg	20	3/8/2023 11:35:10 PM	73584

**Lab ID:** 2303174-035 **Collection Date:** 2/28/2023 4:18:00 PM  
**Client Sample ID:** P-29/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	880	60		mg/Kg	20	3/8/2023 11:47:35 PM	73584

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-036 **Collection Date:** 2/28/2023 4:20:00 PM  
**Client Sample ID:** P-29/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	880	60		mg/Kg	20	3/8/2023 11:59:59 PM	73584

**Lab ID:** 2303174-037 **Collection Date:** 2/28/2023 4:22:00 PM  
**Client Sample ID:** P-30/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	770	59		mg/Kg	20	3/9/2023 12:12:23 AM	73584

**Lab ID:** 2303174-038 **Collection Date:** 2/28/2023 4:24:00 PM  
**Client Sample ID:** P-30/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	650	60		mg/Kg	20	3/9/2023 12:49:37 AM	73584

**Lab ID:** 2303174-039 **Collection Date:** 2/28/2023 4:26:00 PM  
**Client Sample ID:** P-30/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	670	60		mg/Kg	20	3/9/2023 1:02:01 AM	73584

**Lab ID:** 2303174-040 **Collection Date:** 2/28/2023 4:28:00 PM  
**Client Sample ID:** P-30/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	640	60		mg/Kg	20	3/9/2023 1:14:26 AM	73584

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-041 **Collection Date:** 2/28/2023 4:38:00 PM  
**Client Sample ID:** P-31/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 10:39:09 AM	73604

**Lab ID:** 2303174-042 **Collection Date:** 2/28/2023 4:40:00 PM  
**Client Sample ID:** P-31/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 10:51:33 AM	73604

**Lab ID:** 2303174-043 **Collection Date:** 2/28/2023 4:42:00 PM  
**Client Sample ID:** P-31/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 11:28:46 AM	73604

**Lab ID:** 2303174-044 **Collection Date:** 2/28/2023 4:44:00 PM  
**Client Sample ID:** P-31/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 11:41:11 AM	73604

**Lab ID:** 2303174-045 **Collection Date:** 2/28/2023 4:38:00 PM  
**Client Sample ID:** P-32/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 11:53:35 AM	73604

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of 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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**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-046 **Collection Date:** 2/28/2023 4:40:00 PM  
**Client Sample ID:** P-32/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 12:30:49 PM	73604

**Lab ID:** 2303174-047 **Collection Date:** 2/28/2023 4:42:00 PM  
**Client Sample ID:** P-32/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 12:43:14 PM	73604

**Lab ID:** 2303174-048 **Collection Date:** 2/28/2023 4:44:00 PM  
**Client Sample ID:** P-32/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 12:55:38 PM	73604

**Lab ID:** 2303174-049 **Collection Date:** 2/28/2023 4:46:00 PM  
**Client Sample ID:** P-33/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 1:08:02 PM	73604

**Lab ID:** 2303174-050 **Collection Date:** 2/28/2023 4:48:00 PM  
**Client Sample ID:** P-33/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 1:20:27 PM	73604

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of 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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**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG **Lab Order:** 2303174  
**Project:** STARK BG Battery

**Lab ID:** 2303174-051 **Collection Date:** 2/28/2023 4:50:00 PM  
**Client Sample ID:** P-33/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 1:32:52 PM	73604

**Lab ID:** 2303174-052 **Collection Date:** 2/28/2023 4:52:00 PM  
**Client Sample ID:** P-33/4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 1:45:16 PM	73604

**Lab ID:** 2303174-053 **Collection Date:** 2/28/2023 4:54:00 PM  
**Client Sample ID:** P-34/1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 1:57:41 PM	73604

**Lab ID:** 2303174-054 **Collection Date:** 2/28/2023 4:56:00 PM  
**Client Sample ID:** P-34/2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 2:10:05 PM	73604

**Lab ID:** 2303174-055 **Collection Date:** 2/28/2023 4:58:00 PM  
**Client Sample ID:** P-34/3 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: SNS</span>							
Chloride	ND	60		mg/Kg	20	3/9/2023 2:22:30 PM	73604

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order: 2303174

Date Reported: 3/13/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Lab Order:** 2303174

**Project:** STARK BG Battery

**Lab ID:** 2303174-056

**Collection Date:** 2/28/2023 5:00:00 PM

**Client Sample ID:** P-34/4

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	3/9/2023 2:59:44 PM	73604

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2303174

13-Mar-23

**Client:** EOG  
**Project:** STARK BG Battery

Sample ID: <b>MB-73533</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73533</b>	RunNo: <b>95055</b>								
Prep Date: <b>3/6/2023</b>	Analysis Date: <b>3/6/2023</b>	SeqNo: <b>3437444</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73533</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73533</b>	RunNo: <b>95055</b>								
Prep Date: <b>3/6/2023</b>	Analysis Date: <b>3/6/2023</b>	SeqNo: <b>3437445</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

Sample ID: <b>MB-73574</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73574</b>	RunNo: <b>95131</b>								
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/8/2023</b>	SeqNo: <b>3440395</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73574</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73574</b>	RunNo: <b>95131</b>								
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/8/2023</b>	SeqNo: <b>3440396</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	90	110			

Sample ID: <b>MB-73584</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73584</b>	RunNo: <b>95131</b>								
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/8/2023</b>	SeqNo: <b>3440603</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73584</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73584</b>	RunNo: <b>95131</b>								
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/8/2023</b>	SeqNo: <b>3440604</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303174

13-Mar-23

**Client:** EOG  
**Project:** STARK BG Battery

Sample ID: <b>MB-73604</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73604</b>	RunNo: <b>95145</b>								
Prep Date: <b>3/9/2023</b>	Analysis Date: <b>3/9/2023</b>	SeqNo: <b>3441856</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73604</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73604</b>	RunNo: <b>95145</b>								
Prep Date: <b>3/9/2023</b>	Analysis Date: <b>3/9/2023</b>	SeqNo: <b>3441857</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2303174 RcptNo: 1

Received By: Tracy Casarrubias 3/3/2023 7:30:00 AM
Completed By: Tracy Casarrubias 3/3/2023 7:51:48 AM
Reviewed By: [Signature] 3-3-23

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: [Signature] KPA 3-3-23

3-3-23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

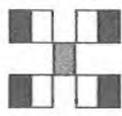
Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 11.6, Good, Yes, Morty, ,





**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

**Analysis Request**

Turn-Around Time: EOG  
 Standard  Rush 5 DAY TAT  
 Project Name: STARK BG BATTERY  
 Project #: 5375

Client: EOG-Artesia / Ranger Env.  
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210  
 Ranger: PO Box 201179, Austin TX 78720  
 Phone #: 521-335-1785  
 email or Fax#: Will@RangerEnv.com

Project Manager: W. Kierdorf  
 Sampler: J. Martinez  
 On Ice:  Yes  No only  
 # of Coolers: 1  
 Cooler Temp (including CP): 11.6 - 11.6 = 11.6 °C

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
<u>6-21-23</u>	<u>1530</u>	<u>Soil</u>	<u>P-24/I</u>	<u>1x4oz Jar</u>	<u>ICE</u>	<u>2303174</u>
	<u>1532</u>		<u>P-24/2</u>			<u>014</u>
	<u>1534</u>		<u>P-24/3</u>			<u>015</u>
	<u>1536</u>		<u>P-24/4</u>			<u>016</u>
	<u>1538</u>		<u>P-25/I</u>			<u>017</u>
	<u>1540</u>		<u>P-25/2</u>			<u>018</u>
	<u>1542</u>		<u>P-25/3</u>			<u>019</u>
	<u>1544</u>		<u>P-25/4</u>			<u>020</u>
	<u>1546</u>		<u>P-26/I</u>			<u>021</u>
	<u>1548</u>		<u>P-26/2</u>			<u>022</u>
	<u>1550</u>		<u>P-26/3</u>			<u>023</u>
	<u>1552</u>		<u>P-26/4</u>			<u>024</u>

BTEX (8021)  
 TPH:8015D(GRO / DRO / MRO)  
 Chloride (EPA 300)

Received by: W. Kierdorf Date: 3-28-23 Time: 010  
 Received by: W. Kierdorf Date: 3-28-23 Time: 7:30  
 Relinquished by: W. Kierdorf  
 Relinquished by: W. Kierdorf

Remarks: Bill to EOG Artesia

If necessary, samples submitted to Hall Environmental may be submitted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Turn-Around Time: EOG  
 Standard  Rush 5 DAY TAT  
 Project Name: STARK BG BATTERY

Project #: 5375  
 Project Manager: W. Klerdorf

Sampler: J. Martinez  
 On Ice:  Yes  No mostly  
 # of Coolers: 1  
 Cooler Temp (including CP): 11.6 - 11.6 - 11.6 °C

Container Type and # 1x4oz Jar Preservative Type ICE HEAL No. 2303174  
025  
026  
027  
028  
029  
030  
031  
032  
033  
034  
035  
036

BTEX (8021) X  
 TPH:8015D(GRO / DRO / MRO)

Date	Time	Matrix	Sample Name	Relinquished by:	Relinquished by:	Date	Time
2-28-23	1554	soil	P-27/1	<u>J. Martinez</u>	<u>W. Klerdorf</u>	3/2/23	810
	1556		P-27/2				
	1558		P-27/3				
	1600		P-27/4				
	1604		P-28/1				
	1608		P-28/2				
	1610		P-28/3				
	1612		P-28/4				
	1614		P-29/1				
	1616		P-29/2				
	1618		P-29/3				
	1620		P-29/4				

Received by: W. Klerdorf Via: W. Klerdorf Date: 3/2/23 Time: 810  
 Relinquished by: J. Martinez Date: 3/2/23 Time: 810

Remarks: Bill to EOG Artesia

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.







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

March 17, 2023

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

RE: Stark BG Battery

OrderNo.: 2303389

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 20 sample(s) on 3/8/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-1

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 9:45:00 AM

**Lab ID:** 2303389-001

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	280	60		mg/Kg	20	3/11/2023 7:31:59 PM	73652
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	19		mg/Kg	1	3/13/2023 9:56:15 PM	73599
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/13/2023 9:56:15 PM	73599
Surr: DNOP	76.6	69-147		%Rec	1	3/13/2023 9:56:15 PM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/15/2023 1:46:00 AM	73588
Surr: BFB	90.8	37.7-212		%Rec	1	3/15/2023 1:46:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.023		mg/Kg	1	3/15/2023 1:46:00 AM	73588
Toluene	ND	0.046		mg/Kg	1	3/15/2023 1:46:00 AM	73588
Ethylbenzene	ND	0.046		mg/Kg	1	3/15/2023 1:46:00 AM	73588
Xylenes, Total	ND	0.093		mg/Kg	1	3/15/2023 1:46:00 AM	73588
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	3/15/2023 1:46:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-2

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 9:48:00 AM

**Lab ID:** 2303389-002

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	250	60		mg/Kg	20	3/13/2023 12:22:32 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	3/13/2023 10:19:54 PM	73599
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/13/2023 10:19:54 PM	73599
Surr: DNOP	83.6	69-147		%Rec	1	3/13/2023 10:19:54 PM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/15/2023 2:07:00 AM	73588
Surr: BFB	92.4	37.7-212		%Rec	1	3/15/2023 2:07:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/15/2023 2:07:00 AM	73588
Toluene	ND	0.049		mg/Kg	1	3/15/2023 2:07:00 AM	73588
Ethylbenzene	ND	0.049		mg/Kg	1	3/15/2023 2:07:00 AM	73588
Xylenes, Total	ND	0.097		mg/Kg	1	3/15/2023 2:07:00 AM	73588
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	3/15/2023 2:07:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-3

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 9:50:00 AM

**Lab ID:** 2303389-003

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	79	59		mg/Kg	20	3/13/2023 12:34:56 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	3/13/2023 10:43:35 PM	73599
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/13/2023 10:43:35 PM	73599
Surr: DNOP	71.4	69-147		%Rec	1	3/13/2023 10:43:35 PM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/15/2023 2:29:00 AM	73588
Surr: BFB	92.7	37.7-212		%Rec	1	3/15/2023 2:29:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/15/2023 2:29:00 AM	73588
Toluene	ND	0.047		mg/Kg	1	3/15/2023 2:29:00 AM	73588
Ethylbenzene	ND	0.047		mg/Kg	1	3/15/2023 2:29:00 AM	73588
Xylenes, Total	ND	0.094		mg/Kg	1	3/15/2023 2:29:00 AM	73588
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	3/15/2023 2:29:00 AM	73588

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-4

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 9:52:00 AM

**Lab ID:** 2303389-004

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	73	60		mg/Kg	20	3/13/2023 1:36:58 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	3/13/2023 11:07:16 PM	73599
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/13/2023 11:07:16 PM	73599
Surr: DNOP	97.4	69-147		%Rec	1	3/13/2023 11:07:16 PM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/15/2023 2:51:00 AM	73588
Surr: BFB	90.8	37.7-212		%Rec	1	3/15/2023 2:51:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/15/2023 2:51:00 AM	73588
Toluene	ND	0.048		mg/Kg	1	3/15/2023 2:51:00 AM	73588
Ethylbenzene	ND	0.048		mg/Kg	1	3/15/2023 2:51:00 AM	73588
Xylenes, Total	ND	0.097		mg/Kg	1	3/15/2023 2:51:00 AM	73588
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	3/15/2023 2:51:00 AM	73588

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-5

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 9:54:00 AM

**Lab ID:** 2303389-005

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	320	60		mg/Kg	20	3/13/2023 1:49:22 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/11/2023 5:59:33 AM	73599
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/11/2023 5:59:33 AM	73599
Surr: DNOP	23.4	69-147	S	%Rec	1	3/11/2023 5:59:33 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/15/2023 3:34:00 AM	73588
Surr: BFB	88.4	37.7-212		%Rec	1	3/15/2023 3:34:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.023		mg/Kg	1	3/15/2023 3:34:00 AM	73588
Toluene	ND	0.046		mg/Kg	1	3/15/2023 3:34:00 AM	73588
Ethylbenzene	ND	0.046		mg/Kg	1	3/15/2023 3:34:00 AM	73588
Xylenes, Total	ND	0.092		mg/Kg	1	3/15/2023 3:34:00 AM	73588
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	3/15/2023 3:34:00 AM	73588

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-6

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:20:00 AM

**Lab ID:** 2303389-006

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	300	60		mg/Kg	20	3/13/2023 2:01:47 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	3/13/2023 11:54:21 PM	73599
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/13/2023 11:54:21 PM	73599
Surr: DNOP	88.5	69-147		%Rec	1	3/13/2023 11:54:21 PM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/15/2023 3:55:00 AM	73588
Surr: BFB	94.1	37.7-212		%Rec	1	3/15/2023 3:55:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.023		mg/Kg	1	3/15/2023 3:55:00 AM	73588
Toluene	ND	0.046		mg/Kg	1	3/15/2023 3:55:00 AM	73588
Ethylbenzene	ND	0.046		mg/Kg	1	3/15/2023 3:55:00 AM	73588
Xylenes, Total	ND	0.092		mg/Kg	1	3/15/2023 3:55:00 AM	73588
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	3/15/2023 3:55:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-7

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:22:00 AM

**Lab ID:** 2303389-007

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	110	60		mg/Kg	20	3/13/2023 2:14:11 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	3/14/2023 12:17:57 AM	73599
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 12:17:57 AM	73599
Surr: DNOP	75.5	69-147		%Rec	1	3/14/2023 12:17:57 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/15/2023 4:17:00 AM	73588
Surr: BFB	93.9	37.7-212		%Rec	1	3/15/2023 4:17:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.025		mg/Kg	1	3/15/2023 4:17:00 AM	73588
Toluene	ND	0.049		mg/Kg	1	3/15/2023 4:17:00 AM	73588
Ethylbenzene	ND	0.049		mg/Kg	1	3/15/2023 4:17:00 AM	73588
Xylenes, Total	ND	0.099		mg/Kg	1	3/15/2023 4:17:00 AM	73588
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	3/15/2023 4:17:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-8

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:24:00 AM

**Lab ID:** 2303389-008

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	77	60		mg/Kg	20	3/13/2023 2:51:26 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	3/14/2023 12:41:37 AM	73599
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/14/2023 12:41:37 AM	73599
Surr: DNOP	88.2	69-147		%Rec	1	3/14/2023 12:41:37 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/15/2023 4:39:00 AM	73588
Surr: BFB	93.8	37.7-212		%Rec	1	3/15/2023 4:39:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.023		mg/Kg	1	3/15/2023 4:39:00 AM	73588
Toluene	ND	0.046		mg/Kg	1	3/15/2023 4:39:00 AM	73588
Ethylbenzene	ND	0.046		mg/Kg	1	3/15/2023 4:39:00 AM	73588
Xylenes, Total	ND	0.093		mg/Kg	1	3/15/2023 4:39:00 AM	73588
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	3/15/2023 4:39:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-9

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:26:00 AM

**Lab ID:** 2303389-009

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	250	60		mg/Kg	20	3/13/2023 3:03:51 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	3/14/2023 1:05:14 AM	73599
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 1:05:14 AM	73599
Surr: DNOP	88.8	69-147		%Rec	1	3/14/2023 1:05:14 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/15/2023 5:00:00 AM	73588
Surr: BFB	88.3	37.7-212		%Rec	1	3/15/2023 5:00:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.025		mg/Kg	1	3/15/2023 5:00:00 AM	73588
Toluene	ND	0.050		mg/Kg	1	3/15/2023 5:00:00 AM	73588
Ethylbenzene	ND	0.050		mg/Kg	1	3/15/2023 5:00:00 AM	73588
Xylenes, Total	ND	0.099		mg/Kg	1	3/15/2023 5:00:00 AM	73588
Surr: 4-Bromofluorobenzene	90.9	70-130		%Rec	1	3/15/2023 5:00:00 AM	73588

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-10

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:28:00 AM

**Lab ID:** 2303389-010

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	260	60		mg/Kg	20	3/13/2023 3:16:15 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/11/2023 6:52:10 AM	73599
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/11/2023 6:52:10 AM	73599
Surr: DNOP	11.7	69-147	S	%Rec	1	3/11/2023 6:52:10 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/15/2023 5:22:00 AM	73588
Surr: BFB	92.1	37.7-212		%Rec	1	3/15/2023 5:22:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/15/2023 5:22:00 AM	73588
Toluene	ND	0.047		mg/Kg	1	3/15/2023 5:22:00 AM	73588
Ethylbenzene	ND	0.047		mg/Kg	1	3/15/2023 5:22:00 AM	73588
Xylenes, Total	ND	0.094		mg/Kg	1	3/15/2023 5:22:00 AM	73588
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	3/15/2023 5:22:00 AM	73588

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-11

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:50:00 AM

**Lab ID:** 2303389-011

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	3/13/2023 3:53:30 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	3/14/2023 1:52:21 AM	73599
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/14/2023 1:52:21 AM	73599
Surr: DNOP	88.4	69-147		%Rec	1	3/14/2023 1:52:21 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/15/2023 5:43:00 AM	73588
Surr: BFB	95.0	37.7-212		%Rec	1	3/15/2023 5:43:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/15/2023 5:43:00 AM	73588
Toluene	ND	0.049		mg/Kg	1	3/15/2023 5:43:00 AM	73588
Ethylbenzene	ND	0.049		mg/Kg	1	3/15/2023 5:43:00 AM	73588
Xylenes, Total	ND	0.098		mg/Kg	1	3/15/2023 5:43:00 AM	73588
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	3/15/2023 5:43:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-12

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:52:00 AM

**Lab ID:** 2303389-012

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	3/13/2023 4:05:55 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	3/14/2023 2:39:04 AM	73599
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/14/2023 2:39:04 AM	73599
Surr: DNOP	69.1	69-147		%Rec	1	3/14/2023 2:39:04 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/15/2023 6:05:00 AM	73588
Surr: BFB	91.8	37.7-212		%Rec	1	3/15/2023 6:05:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/15/2023 6:05:00 AM	73588
Toluene	ND	0.049		mg/Kg	1	3/15/2023 6:05:00 AM	73588
Ethylbenzene	ND	0.049		mg/Kg	1	3/15/2023 6:05:00 AM	73588
Xylenes, Total	ND	0.098		mg/Kg	1	3/15/2023 6:05:00 AM	73588
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	3/15/2023 6:05:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order **2303389**

Date Reported: **3/17/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-13

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:54:00 AM

**Lab ID:** 2303389-013

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	3/13/2023 4:18:19 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	3/14/2023 3:02:25 AM	73599
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/14/2023 3:02:25 AM	73599
Surr: DNOP	74.6	69-147		%Rec	1	3/14/2023 3:02:25 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/15/2023 6:27:00 AM	73588
Surr: BFB	88.9	37.7-212		%Rec	1	3/15/2023 6:27:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/15/2023 6:27:00 AM	73588
Toluene	ND	0.049		mg/Kg	1	3/15/2023 6:27:00 AM	73588
Ethylbenzene	ND	0.049		mg/Kg	1	3/15/2023 6:27:00 AM	73588
Xylenes, Total	ND	0.097		mg/Kg	1	3/15/2023 6:27:00 AM	73588
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	3/15/2023 6:27:00 AM	73588

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303389**

Date Reported: **3/17/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-14

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:56:00 AM

**Lab ID:** 2303389-014

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	3/13/2023 4:30:43 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	3/14/2023 3:25:44 AM	73599
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 3:25:44 AM	73599
Surr: DNOP	75.6	69-147		%Rec	1	3/14/2023 3:25:44 AM	73599
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/15/2023 6:48:00 AM	73588
Surr: BFB	92.6	37.7-212		%Rec	1	3/15/2023 6:48:00 AM	73588
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.023		mg/Kg	1	3/15/2023 6:48:00 AM	73588
Toluene	ND	0.047		mg/Kg	1	3/15/2023 6:48:00 AM	73588
Ethylbenzene	ND	0.047		mg/Kg	1	3/15/2023 6:48:00 AM	73588
Xylenes, Total	ND	0.094		mg/Kg	1	3/15/2023 6:48:00 AM	73588
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	3/15/2023 6:48:00 AM	73588

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-15

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 10:58:00 AM

**Lab ID:** 2303389-015

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	3/13/2023 4:43:08 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	3/14/2023 3:49:04 AM	73598
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/14/2023 3:49:04 AM	73598
Surr: DNOP	99.9	69-147		%Rec	1	3/14/2023 3:49:04 AM	73598
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/14/2023 11:22:00 AM	73592
Surr: BFB	94.0	37.7-212		%Rec	1	3/14/2023 11:22:00 AM	73592
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/14/2023 11:22:00 AM	73592
Toluene	ND	0.049		mg/Kg	1	3/14/2023 11:22:00 AM	73592
Ethylbenzene	ND	0.049		mg/Kg	1	3/14/2023 11:22:00 AM	73592
Xylenes, Total	ND	0.098		mg/Kg	1	3/14/2023 11:22:00 AM	73592
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	3/14/2023 11:22:00 AM	73592

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-16

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 11:20:00 AM

**Lab ID:** 2303389-016

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	78	60		mg/Kg	20	3/13/2023 5:20:23 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/10/2023 11:48:07 PM	73598
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/10/2023 11:48:07 PM	73598
Surr: DNOP	27.9	69-147	S	%Rec	1	3/10/2023 11:48:07 PM	73598
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/14/2023 11:44:00 AM	73592
Surr: BFB	94.6	37.7-212		%Rec	1	3/14/2023 11:44:00 AM	73592
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.024		mg/Kg	1	3/14/2023 11:44:00 AM	73592
Toluene	ND	0.048		mg/Kg	1	3/14/2023 11:44:00 AM	73592
Ethylbenzene	ND	0.048		mg/Kg	1	3/14/2023 11:44:00 AM	73592
Xylenes, Total	ND	0.096		mg/Kg	1	3/14/2023 11:44:00 AM	73592
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	3/14/2023 11:44:00 AM	73592

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-17

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 11:22:00 AM

**Lab ID:** 2303389-017

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	130	60		mg/Kg	20	3/13/2023 5:32:47 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	3/14/2023 5:22:09 AM	73598
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/14/2023 5:22:09 AM	73598
Surr: DNOP	69.8	69-147		%Rec	1	3/14/2023 5:22:09 AM	73598
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/14/2023 12:49:00 PM	73592
Surr: BFB	89.1	37.7-212		%Rec	1	3/14/2023 12:49:00 PM	73592
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.025		mg/Kg	1	3/14/2023 12:49:00 PM	73592
Toluene	ND	0.050		mg/Kg	1	3/14/2023 12:49:00 PM	73592
Ethylbenzene	ND	0.050		mg/Kg	1	3/14/2023 12:49:00 PM	73592
Xylenes, Total	ND	0.099		mg/Kg	1	3/14/2023 12:49:00 PM	73592
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	3/14/2023 12:49:00 PM	73592

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-18

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 11:24:00 AM

**Lab ID:** 2303389-018

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	310	60		mg/Kg	20	3/13/2023 5:45:11 PM	73662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/11/2023 12:30:27 AM	73598
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/11/2023 12:30:27 AM	73598
Surr: DNOP	27.4	69-147	S	%Rec	1	3/11/2023 12:30:27 AM	73598
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/14/2023 1:11:00 PM	73592
Surr: BFB	89.4	37.7-212		%Rec	1	3/14/2023 1:11:00 PM	73592
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.025		mg/Kg	1	3/14/2023 1:11:00 PM	73592
Toluene	ND	0.049		mg/Kg	1	3/14/2023 1:11:00 PM	73592
Ethylbenzene	ND	0.049		mg/Kg	1	3/14/2023 1:11:00 PM	73592
Xylenes, Total	ND	0.098		mg/Kg	1	3/14/2023 1:11:00 PM	73592
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	3/14/2023 1:11:00 PM	73592

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-19

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 11:26:00 AM

**Lab ID:** 2303389-019

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	330	60		mg/Kg	20	3/13/2023 6:22:25 PM	73680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	35	9.8		mg/Kg	1	3/11/2023 12:40:59 AM	73598
Motor Oil Range Organics (MRO)	52	49		mg/Kg	1	3/11/2023 12:40:59 AM	73598
Surr: DNOP	34.2	69-147	S	%Rec	1	3/11/2023 12:40:59 AM	73598
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/14/2023 1:33:00 PM	73592
Surr: BFB	88.3	37.7-212		%Rec	1	3/14/2023 1:33:00 PM	73592
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.025		mg/Kg	1	3/14/2023 1:33:00 PM	73592
Toluene	ND	0.049		mg/Kg	1	3/14/2023 1:33:00 PM	73592
Ethylbenzene	ND	0.049		mg/Kg	1	3/14/2023 1:33:00 PM	73592
Xylenes, Total	ND	0.098		mg/Kg	1	3/14/2023 1:33:00 PM	73592
Surr: 4-Bromofluorobenzene	90.9	70-130		%Rec	1	3/14/2023 1:33:00 PM	73592

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order 2303389

Date Reported: 3/17/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** W-20

**Project:** Stark BG Battery

**Collection Date:** 3/6/2023 11:28:00 AM

**Lab ID:** 2303389-020

**Matrix:** SOIL

**Received Date:** 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	570	60		mg/Kg	20	3/13/2023 6:34:50 PM	73680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	3/14/2023 6:56:13 AM	73598
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/14/2023 6:56:13 AM	73598
Surr: DNOP	78.8	69-147		%Rec	1	3/14/2023 6:56:13 AM	73598
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BFR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/14/2023 1:54:00 PM	73592
Surr: BFB	90.3	37.7-212		%Rec	1	3/14/2023 1:54:00 PM	73592
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BFR</b>
Benzene	ND	0.025		mg/Kg	1	3/14/2023 1:54:00 PM	73592
Toluene	ND	0.050		mg/Kg	1	3/14/2023 1:54:00 PM	73592
Ethylbenzene	ND	0.050		mg/Kg	1	3/14/2023 1:54:00 PM	73592
Xylenes, Total	ND	0.099		mg/Kg	1	3/14/2023 1:54:00 PM	73592
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	3/14/2023 1:54:00 PM	73592

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2303389

17-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-73652</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73652</b>	RunNo: <b>95206</b>								
Prep Date: <b>3/11/2023</b>	Analysis Date: <b>3/11/2023</b>	SeqNo: <b>3443354</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73652</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73652</b>	RunNo: <b>95206</b>								
Prep Date: <b>3/11/2023</b>	Analysis Date: <b>3/11/2023</b>	SeqNo: <b>3443355</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.8	90	110			

Sample ID: <b>MB-73662</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73662</b>	RunNo: <b>95243</b>								
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/13/2023</b>	SeqNo: <b>3444518</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73662</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73662</b>	RunNo: <b>95243</b>								
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/13/2023</b>	SeqNo: <b>3444519</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID: <b>LCS-73680</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73680</b>	RunNo: <b>95243</b>								
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/13/2023</b>	SeqNo: <b>3444558</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.2	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303389

17-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-73598</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73598</b>		RunNo: <b>95220</b>							
Prep Date: <b>3/9/2023</b>	Analysis Date: <b>3/10/2023</b>		SeqNo: <b>3444060</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.8	61.9	130			
Surr: DNOP	5.4		5.000		108	69	147			

Sample ID: <b>LCS-73599</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73599</b>		RunNo: <b>95220</b>							
Prep Date: <b>3/9/2023</b>	Analysis Date: <b>3/10/2023</b>		SeqNo: <b>3444061</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	81.8	61.9	130			
Surr: DNOP	4.3		5.000		85.1	69	147			

Sample ID: <b>MB-73598</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73598</b>		RunNo: <b>95220</b>							
Prep Date: <b>3/9/2023</b>	Analysis Date: <b>3/10/2023</b>		SeqNo: <b>3444065</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		105	69	147			

Sample ID: <b>MB-73599</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73599</b>		RunNo: <b>95220</b>							
Prep Date: <b>3/9/2023</b>	Analysis Date: <b>3/10/2023</b>		SeqNo: <b>3444066</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.4		10.00		84.2	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303389

17-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-73592</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73592</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445605</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.4	70	130			
Surr: BFB	1900		1000		193	37.7	212			

Sample ID: <b>ics-73588</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73588</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445606</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.8	70	130			
Surr: BFB	2000		1000		201	37.7	212			

Sample ID: <b>mb-73592</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73592</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445609</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		91.5	37.7	212			

Sample ID: <b>mb-73588</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73588</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445610</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.0	37.7	212			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303389

17-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-73592</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73592</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445607</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.1	80	120			
Toluene	0.88	0.050	1.000	0	87.7	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.8	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.3	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	70	130			

Sample ID: <b>ics-73588</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73588</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445608</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.9	80	120			
Toluene	0.87	0.050	1.000	0	87.5	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.7	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.9	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.3	70	130			

Sample ID: <b>mb-73592</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73592</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445611</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.2	70	130			

Sample ID: <b>mb-73588</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73588</b>		RunNo: <b>95270</b>							
Prep Date: <b>3/8/2023</b>	Analysis Date: <b>3/14/2023</b>		SeqNo: <b>3445612</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.5	70	130			

**Qualifiers:**

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



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

# Sample Log-In Check List

Client Name: EOG Work Order Number: 2303389 RcptNo: 1

Received By: Juan Rojas 3/8/2023 7:30:00 AM  
Completed By: Sean Livingston 3/8/2023 8:51:42 AM  
Reviewed By: *JA* 3-8-23

*Juan Rojas*  
*Sean Livingston*

### Chain of Custody

- 1. Is Chain of Custody complete? Yes  No  Not Present
- 2. How was the sample delivered? Courier

### Log In

- 3. Was an attempt made to cool the samples? Yes  No  NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 5. Sample(s) in proper container(s)? Yes  No
- 6. Sufficient sample volume for indicated test(s)? Yes  No
- 7. Are samples (except VOA and ONG) properly preserved? Yes  No
- 8. Was preservative added to bottles? Yes  No  NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
- 10. Were any sample containers received broken? Yes  No
- 11. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
- 12. Are matrices correctly identified on Chain of Custody? Yes  No
- 13. Is it clear what analyses were requested? Yes  No
- 14. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: \_\_\_\_\_  
(<2 or >12 unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: *IME 3/8/23*

### Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good	Not Present	Morty		







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

March 24, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Stark BG Battery

OrderNo.: 2303585

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 50 sample(s) on 3/10/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-1

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:30:00 AM

**Lab ID:** 2303585-001

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3000	150		mg/Kg	50	3/16/2023 9:34:26 AM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	26	10		mg/Kg	1	3/14/2023 11:22:42 AM	73681
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/14/2023 11:22:42 AM	73681
Surr: DNOP	95.7	69-147		%Rec	1	3/14/2023 11:22:42 AM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/17/2023 1:51:00 AM	73674
Surr: BFB	89.5	37.7-212		%Rec	1	3/17/2023 1:51:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 1:51:00 AM	73674
Toluene	ND	0.050		mg/Kg	1	3/17/2023 1:51:00 AM	73674
Ethylbenzene	ND	0.050		mg/Kg	1	3/17/2023 1:51:00 AM	73674
Xylenes, Total	ND	0.099		mg/Kg	1	3/17/2023 1:51:00 AM	73674
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	3/17/2023 1:51:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-2

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:32:00 AM

**Lab ID:** 2303585-002

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1700	60		mg/Kg	20	3/15/2023 2:00:27 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	33	9.2		mg/Kg	1	3/14/2023 2:44:40 PM	73681
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/14/2023 2:44:40 PM	73681
Surr: DNOP	90.5	69-147		%Rec	1	3/14/2023 2:44:40 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 2:13:00 AM	73674
Surr: BFB	88.3	37.7-212		%Rec	1	3/17/2023 2:13:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 2:13:00 AM	73674
Toluene	ND	0.047		mg/Kg	1	3/17/2023 2:13:00 AM	73674
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 2:13:00 AM	73674
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 2:13:00 AM	73674
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	3/17/2023 2:13:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-3

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:35:00 AM

**Lab ID:** 2303585-003

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1500	60		mg/Kg	20	3/15/2023 2:12:47 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	12	9.8		mg/Kg	1	3/14/2023 2:55:24 PM	73681
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 2:55:24 PM	73681
Surr: DNOP	102	69-147		%Rec	1	3/14/2023 2:55:24 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 2:56:00 AM	73674
Surr: BFB	90.4	37.7-212		%Rec	1	3/17/2023 2:56:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 2:56:00 AM	73674
Toluene	ND	0.048		mg/Kg	1	3/17/2023 2:56:00 AM	73674
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 2:56:00 AM	73674
Xylenes, Total	ND	0.097		mg/Kg	1	3/17/2023 2:56:00 AM	73674
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	3/17/2023 2:56:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-4

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:37:00 AM

**Lab ID:** 2303585-004

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	550	60		mg/Kg	20	3/15/2023 2:25:09 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	35	10		mg/Kg	1	3/15/2023 12:13:40 PM	73681
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/15/2023 12:13:40 PM	73681
Surr: DNOP	69.8	69-147		%Rec	1	3/15/2023 12:13:40 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 3:18:00 AM	73674
Surr: BFB	95.9	37.7-212		%Rec	1	3/17/2023 3:18:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 3:18:00 AM	73674
Toluene	ND	0.047		mg/Kg	1	3/17/2023 3:18:00 AM	73674
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 3:18:00 AM	73674
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2023 3:18:00 AM	73674
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	3/17/2023 3:18:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-5

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:39:00 AM

**Lab ID:** 2303585-005

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2200	60		mg/Kg	20	3/15/2023 2:37:30 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	16	10		mg/Kg	1	3/14/2023 12:26:19 PM	73681
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/14/2023 12:26:19 PM	73681
Surr: DNOP	93.5	69-147		%Rec	1	3/14/2023 12:26:19 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/17/2023 3:39:00 AM	73674
Surr: BFB	90.8	37.7-212		%Rec	1	3/17/2023 3:39:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 3:39:00 AM	73674
Toluene	ND	0.050		mg/Kg	1	3/17/2023 3:39:00 AM	73674
Ethylbenzene	ND	0.050		mg/Kg	1	3/17/2023 3:39:00 AM	73674
Xylenes, Total	ND	0.10		mg/Kg	1	3/17/2023 3:39:00 AM	73674
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	3/17/2023 3:39:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-6

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:43:00 AM

**Lab ID:** 2303585-006

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1400	59		mg/Kg	20	3/15/2023 2:49:50 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	360	20		mg/Kg	2	3/15/2023 5:17:42 PM	73681
Motor Oil Range Organics (MRO)	420	99		mg/Kg	2	3/15/2023 5:17:42 PM	73681
Surr: DNOP	111	69-147		%Rec	2	3/15/2023 5:17:42 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 4:01:00 AM	73674
Surr: BFB	90.6	37.7-212		%Rec	1	3/17/2023 4:01:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 4:01:00 AM	73674
Toluene	ND	0.049		mg/Kg	1	3/17/2023 4:01:00 AM	73674
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 4:01:00 AM	73674
Xylenes, Total	ND	0.097		mg/Kg	1	3/17/2023 4:01:00 AM	73674
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	3/17/2023 4:01:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-7

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:47:00 AM

**Lab ID:** 2303585-007

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	890	61		mg/Kg	20	3/15/2023 3:02:11 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	110	9.4		mg/Kg	1	3/14/2023 11:43:28 AM	73681
Motor Oil Range Organics (MRO)	130	47		mg/Kg	1	3/14/2023 11:43:28 AM	73681
Surr: DNOP	85.7	69-147		%Rec	1	3/14/2023 11:43:28 AM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/17/2023 4:22:00 AM	73674
Surr: BFB	88.9	37.7-212		%Rec	1	3/17/2023 4:22:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 4:22:00 AM	73674
Toluene	ND	0.046		mg/Kg	1	3/17/2023 4:22:00 AM	73674
Ethylbenzene	ND	0.046		mg/Kg	1	3/17/2023 4:22:00 AM	73674
Xylenes, Total	ND	0.092		mg/Kg	1	3/17/2023 4:22:00 AM	73674
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	3/17/2023 4:22:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-8

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:50:00 AM

**Lab ID:** 2303585-008

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2400	60		mg/Kg	20	3/15/2023 3:14:31 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	220	20		mg/Kg	2	3/15/2023 5:38:53 PM	73681
Motor Oil Range Organics (MRO)	400	100		mg/Kg	2	3/15/2023 5:38:53 PM	73681
Surr: DNOP	85.0	69-147		%Rec	2	3/15/2023 5:38:53 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 4:44:00 AM	73674
Surr: BFB	89.5	37.7-212		%Rec	1	3/17/2023 4:44:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 4:44:00 AM	73674
Toluene	ND	0.049		mg/Kg	1	3/17/2023 4:44:00 AM	73674
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 4:44:00 AM	73674
Xylenes, Total	ND	0.098		mg/Kg	1	3/17/2023 4:44:00 AM	73674
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	3/17/2023 4:44:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-9

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 11:55:00 AM

**Lab ID:** 2303585-009

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1100	59		mg/Kg	20	3/15/2023 3:26:51 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/14/2023 3:06:17 PM	73681
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 3:06:17 PM	73681
Surr: DNOP	78.1	69-147		%Rec	1	3/14/2023 3:06:17 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 5:06:00 AM	73674
Surr: BFB	90.8	37.7-212		%Rec	1	3/17/2023 5:06:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 5:06:00 AM	73674
Toluene	ND	0.047		mg/Kg	1	3/17/2023 5:06:00 AM	73674
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 5:06:00 AM	73674
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2023 5:06:00 AM	73674
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	3/17/2023 5:06:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2303585

Date Reported: 3/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-10

Project: Stark BG Battery

Collection Date: 3/8/2023 12:04:00 PM

Lab ID: 2303585-010

Matrix: SOIL

Received Date: 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3100	150		mg/Kg	50	3/16/2023 9:46:46 AM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/14/2023 3:17:09 PM	73681
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 3:17:09 PM	73681
Surr: DNOP	87.3	69-147		%Rec	1	3/14/2023 3:17:09 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/17/2023 5:27:00 AM	73674
Surr: BFB	93.8	37.7-212		%Rec	1	3/17/2023 5:27:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 5:27:00 AM	73674
Toluene	ND	0.050		mg/Kg	1	3/17/2023 5:27:00 AM	73674
Ethylbenzene	ND	0.050		mg/Kg	1	3/17/2023 5:27:00 AM	73674
Xylenes, Total	ND	0.099		mg/Kg	1	3/17/2023 5:27:00 AM	73674
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	3/17/2023 5:27:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-11

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:07:00 PM

**Lab ID:** 2303585-011

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	5200	150		mg/Kg	50	3/16/2023 9:59:07 AM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/14/2023 3:28:02 PM	73681
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 3:28:02 PM	73681
Surr: DNOP	87.7	69-147		%Rec	1	3/14/2023 3:28:02 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 5:49:00 AM	73674
Surr: BFB	89.1	37.7-212		%Rec	1	3/17/2023 5:49:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 5:49:00 AM	73674
Toluene	ND	0.049		mg/Kg	1	3/17/2023 5:49:00 AM	73674
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 5:49:00 AM	73674
Xylenes, Total	ND	0.097		mg/Kg	1	3/17/2023 5:49:00 AM	73674
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	3/17/2023 5:49:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-12

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:10:00 PM

**Lab ID:** 2303585-012

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1700	60		mg/Kg	20	3/15/2023 4:28:34 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/14/2023 3:38:53 PM	73681
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/14/2023 3:38:53 PM	73681
Surr: DNOP	87.2	69-147		%Rec	1	3/14/2023 3:38:53 PM	73681
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 6:11:00 AM	73674
Surr: BFB	88.1	37.7-212		%Rec	1	3/17/2023 6:11:00 AM	73674
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 6:11:00 AM	73674
Toluene	ND	0.047		mg/Kg	1	3/17/2023 6:11:00 AM	73674
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 6:11:00 AM	73674
Xylenes, Total	ND	0.093		mg/Kg	1	3/17/2023 6:11:00 AM	73674
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	3/17/2023 6:11:00 AM	73674

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-13

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:12:00 PM

**Lab ID:** 2303585-013

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2500	150		mg/Kg	50	3/16/2023 10:11:28 AM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	28	10		mg/Kg	1	3/15/2023 1:28:19 PM	73683
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/15/2023 1:28:19 PM	73683
Surr: DNOP	86.2	69-147		%Rec	1	3/15/2023 1:28:19 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/16/2023 7:13:09 PM	73675
Surr: BFB	104	37.7-212		%Rec	1	3/16/2023 7:13:09 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/16/2023 7:13:09 PM	73675
Toluene	ND	0.049		mg/Kg	1	3/16/2023 7:13:09 PM	73675
Ethylbenzene	ND	0.049		mg/Kg	1	3/16/2023 7:13:09 PM	73675
Xylenes, Total	ND	0.097		mg/Kg	1	3/16/2023 7:13:09 PM	73675
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	3/16/2023 7:13:09 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-14

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:15:00 PM

**Lab ID:** 2303585-014

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2600	150		mg/Kg	50	3/16/2023 10:48:30 AM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/15/2023 1:49:33 PM	73683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/15/2023 1:49:33 PM	73683
Surr: DNOP	70.8	69-147		%Rec	1	3/15/2023 1:49:33 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/16/2023 8:24:21 PM	73675
Surr: BFB	100	37.7-212		%Rec	1	3/16/2023 8:24:21 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	3/16/2023 8:24:21 PM	73675
Toluene	ND	0.047		mg/Kg	1	3/16/2023 8:24:21 PM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/16/2023 8:24:21 PM	73675
Xylenes, Total	ND	0.094		mg/Kg	1	3/16/2023 8:24:21 PM	73675
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	3/16/2023 8:24:21 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-15

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:19:00 PM

**Lab ID:** 2303585-015

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1800	60		mg/Kg	20	3/15/2023 5:05:38 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	23	9.5		mg/Kg	1	3/15/2023 4:47:55 PM	73683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/15/2023 4:47:55 PM	73683
Surr: DNOP	71.1	69-147		%Rec	1	3/15/2023 4:47:55 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/16/2023 9:35:16 PM	73675
Surr: BFB	101	37.7-212		%Rec	1	3/16/2023 9:35:16 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/16/2023 9:35:16 PM	73675
Toluene	ND	0.047		mg/Kg	1	3/16/2023 9:35:16 PM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/16/2023 9:35:16 PM	73675
Xylenes, Total	ND	0.095		mg/Kg	1	3/16/2023 9:35:16 PM	73675
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	3/16/2023 9:35:16 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-16

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:23:00 PM

**Lab ID:** 2303585-016

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4300	150		mg/Kg	50	3/16/2023 1:41:19 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/15/2023 2:21:29 PM	73683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/15/2023 2:21:29 PM	73683
Surr: DNOP	82.7	69-147		%Rec	1	3/15/2023 2:21:29 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/16/2023 9:58:54 PM	73675
Surr: BFB	101	37.7-212		%Rec	1	3/16/2023 9:58:54 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/16/2023 9:58:54 PM	73675
Toluene	ND	0.048		mg/Kg	1	3/16/2023 9:58:54 PM	73675
Ethylbenzene	ND	0.048		mg/Kg	1	3/16/2023 9:58:54 PM	73675
Xylenes, Total	ND	0.097		mg/Kg	1	3/16/2023 9:58:54 PM	73675
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	3/16/2023 9:58:54 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-17

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:27:00 PM

**Lab ID:** 2303585-017

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2700	150		mg/Kg	50	3/16/2023 1:53:40 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/15/2023 2:32:09 PM	73683
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/15/2023 2:32:09 PM	73683
Surr: DNOP	74.9	69-147		%Rec	1	3/15/2023 2:32:09 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/16/2023 10:22:29 PM	73675
Surr: BFB	102	37.7-212		%Rec	1	3/16/2023 10:22:29 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/16/2023 10:22:29 PM	73675
Toluene	ND	0.047		mg/Kg	1	3/16/2023 10:22:29 PM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/16/2023 10:22:29 PM	73675
Xylenes, Total	ND	0.094		mg/Kg	1	3/16/2023 10:22:29 PM	73675
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	3/16/2023 10:22:29 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-18

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:45:00 PM

**Lab ID:** 2303585-018

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3500	150		mg/Kg	50	3/16/2023 2:06:01 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/16/2023 1:13:21 AM	73683
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/16/2023 1:13:21 AM	73683
Surr: DNOP	89.8	69-147		%Rec	1	3/16/2023 1:13:21 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/16/2023 10:46:02 PM	73675
Surr: BFB	100	37.7-212		%Rec	1	3/16/2023 10:46:02 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/16/2023 10:46:02 PM	73675
Toluene	ND	0.047		mg/Kg	1	3/16/2023 10:46:02 PM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/16/2023 10:46:02 PM	73675
Xylenes, Total	ND	0.095		mg/Kg	1	3/16/2023 10:46:02 PM	73675
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	3/16/2023 10:46:02 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-19

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:48:00 PM

**Lab ID:** 2303585-019

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	8500	300		mg/Kg	100	3/16/2023 2:18:21 PM	73724
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/16/2023 1:23:55 AM	73683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/16/2023 1:23:55 AM	73683
Surr: DNOP	97.9	69-147		%Rec	1	3/16/2023 1:23:55 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/16/2023 11:09:32 PM	73675
Surr: BFB	100	37.7-212		%Rec	1	3/16/2023 11:09:32 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	3/16/2023 11:09:32 PM	73675
Toluene	ND	0.047		mg/Kg	1	3/16/2023 11:09:32 PM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/16/2023 11:09:32 PM	73675
Xylenes, Total	ND	0.094		mg/Kg	1	3/16/2023 11:09:32 PM	73675
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	3/16/2023 11:09:32 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-20

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:50:00 PM

**Lab ID:** 2303585-020

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4300	150		mg/Kg	50	3/16/2023 2:30:42 PM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/16/2023 1:34:39 AM	73683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/16/2023 1:34:39 AM	73683
Surr: DNOP	91.8	69-147		%Rec	1	3/16/2023 1:34:39 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/16/2023 11:33:01 PM	73675
Surr: BFB	100	37.7-212		%Rec	1	3/16/2023 11:33:01 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	3/16/2023 11:33:01 PM	73675
Toluene	ND	0.046		mg/Kg	1	3/16/2023 11:33:01 PM	73675
Ethylbenzene	ND	0.046		mg/Kg	1	3/16/2023 11:33:01 PM	73675
Xylenes, Total	ND	0.093		mg/Kg	1	3/16/2023 11:33:01 PM	73675
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	3/16/2023 11:33:01 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-21

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:52:00 PM

**Lab ID:** 2303585-021

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1600	60		mg/Kg	20	3/16/2023 4:24:43 AM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	81	9.3		mg/Kg	1	3/16/2023 4:24:01 PM	73683
Motor Oil Range Organics (MRO)	120	47		mg/Kg	1	3/16/2023 4:24:01 PM	73683
Surr: DNOP	90.4	69-147		%Rec	1	3/16/2023 4:24:01 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/16/2023 11:56:33 PM	73675
Surr: BFB	98.8	37.7-212		%Rec	1	3/16/2023 11:56:33 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	3/16/2023 11:56:33 PM	73675
Toluene	ND	0.046		mg/Kg	1	3/16/2023 11:56:33 PM	73675
Ethylbenzene	ND	0.046		mg/Kg	1	3/16/2023 11:56:33 PM	73675
Xylenes, Total	ND	0.093		mg/Kg	1	3/16/2023 11:56:33 PM	73675
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	3/16/2023 11:56:33 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 12:55:00 PM

**Lab ID:** 2303585-022

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1400	60		mg/Kg	20	3/16/2023 4:37:03 AM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	2900	96		mg/Kg	10	3/15/2023 6:42:38 PM	73683
Motor Oil Range Organics (MRO)	2500	480		mg/Kg	10	3/15/2023 6:42:38 PM	73683
Surr: DNOP	0	69-147	S	%Rec	10	3/15/2023 6:42:38 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/17/2023 12:20:09 AM	73675
Surr: BFB	99.1	37.7-212		%Rec	1	3/17/2023 12:20:09 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 12:20:09 AM	73675
Toluene	ND	0.046		mg/Kg	1	3/17/2023 12:20:09 AM	73675
Ethylbenzene	ND	0.046		mg/Kg	1	3/17/2023 12:20:09 AM	73675
Xylenes, Total	ND	0.091		mg/Kg	1	3/17/2023 12:20:09 AM	73675
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	3/17/2023 12:20:09 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2303585

Date Reported: 3/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-23

Project: Stark BG Battery

Collection Date: 3/8/2023 12:57:00 PM

Lab ID: 2303585-023

Matrix: SOIL

Received Date: 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3500	150		mg/Kg	50	3/16/2023 2:43:03 PM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	430	50		mg/Kg	5	3/16/2023 3:52:13 PM	73683
Motor Oil Range Organics (MRO)	680	250		mg/Kg	5	3/16/2023 3:52:13 PM	73683
Surr: DNOP	91.6	69-147		%Rec	5	3/16/2023 3:52:13 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 1:07:23 AM	73675
Surr: BFB	97.4	37.7-212		%Rec	1	3/17/2023 1:07:23 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 1:07:23 AM	73675
Toluene	ND	0.048		mg/Kg	1	3/17/2023 1:07:23 AM	73675
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 1:07:23 AM	73675
Xylenes, Total	ND	0.097		mg/Kg	1	3/17/2023 1:07:23 AM	73675
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	3/17/2023 1:07:23 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2303585

Date Reported: 3/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-24

Project: Stark BG Battery

Collection Date: 3/8/2023 12:58:00 PM

Lab ID: 2303585-024

Matrix: SOIL

Received Date: 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2700	150		mg/Kg	50	3/16/2023 2:55:24 PM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/16/2023 1:45:22 AM	73683
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/16/2023 1:45:22 AM	73683
Surr: DNOP	73.0	69-147		%Rec	1	3/16/2023 1:45:22 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 1:31:10 AM	73675
Surr: BFB	99.2	37.7-212		%Rec	1	3/17/2023 1:31:10 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 1:31:10 AM	73675
Toluene	ND	0.047		mg/Kg	1	3/17/2023 1:31:10 AM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 1:31:10 AM	73675
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2023 1:31:10 AM	73675
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	3/17/2023 1:31:10 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-25

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 1:10:00 PM

**Lab ID:** 2303585-025

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4800	150		mg/Kg	50	3/16/2023 3:07:44 PM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/16/2023 1:56:03 AM	73683
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/16/2023 1:56:03 AM	73683
Surr: DNOP	74.1	69-147		%Rec	1	3/16/2023 1:56:03 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 1:54:38 AM	73675
Surr: BFB	99.6	37.7-212		%Rec	1	3/17/2023 1:54:38 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 1:54:38 AM	73675
Toluene	ND	0.048		mg/Kg	1	3/17/2023 1:54:38 AM	73675
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 1:54:38 AM	73675
Xylenes, Total	ND	0.096		mg/Kg	1	3/17/2023 1:54:38 AM	73675
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	3/17/2023 1:54:38 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-26

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 1:12:00 PM

**Lab ID:** 2303585-026

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	390	60		mg/Kg	20	3/16/2023 5:26:26 AM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/17/2023 12:51:05 PM	73770
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/17/2023 12:51:05 PM	73770
Surr: DNOP	81.1	69-147		%Rec	1	3/17/2023 12:51:05 PM	73770
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 2:18:13 AM	73675
Surr: BFB	99.8	37.7-212		%Rec	1	3/17/2023 2:18:13 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 2:18:13 AM	73675
Toluene	ND	0.047		mg/Kg	1	3/17/2023 2:18:13 AM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 2:18:13 AM	73675
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 2:18:13 AM	73675
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	3/17/2023 2:18:13 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-27

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 1:57:00 PM

**Lab ID:** 2303585-027

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	390	60		mg/Kg	20	3/16/2023 5:38:47 AM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/16/2023 2:17:25 AM	73683
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/16/2023 2:17:25 AM	73683
Surr: DNOP	81.8	69-147		%Rec	1	3/16/2023 2:17:25 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 2:41:44 AM	73675
Surr: BFB	99.7	37.7-212		%Rec	1	3/17/2023 2:41:44 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 2:41:44 AM	73675
Toluene	ND	0.047		mg/Kg	1	3/17/2023 2:41:44 AM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 2:41:44 AM	73675
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 2:41:44 AM	73675
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	3/17/2023 2:41:44 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-28

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 2:00:00 PM

**Lab ID:** 2303585-028

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1600	60		mg/Kg	20	3/16/2023 5:51:07 AM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/16/2023 2:28:05 AM	73683
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/16/2023 2:28:05 AM	73683
Surr: DNOP	81.0	69-147		%Rec	1	3/16/2023 2:28:05 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 3:05:11 AM	73675
Surr: BFB	99.7	37.7-212		%Rec	1	3/17/2023 3:05:11 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 3:05:11 AM	73675
Toluene	ND	0.047		mg/Kg	1	3/17/2023 3:05:11 AM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 3:05:11 AM	73675
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 3:05:11 AM	73675
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	3/17/2023 3:05:11 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-29

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 2:03:00 PM

**Lab ID:** 2303585-029

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3000	150		mg/Kg	50	3/16/2023 3:44:47 PM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/16/2023 2:38:43 AM	73683
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/16/2023 2:38:43 AM	73683
Surr: DNOP	95.4	69-147		%Rec	1	3/16/2023 2:38:43 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 3:28:44 AM	73675
Surr: BFB	101	37.7-212		%Rec	1	3/17/2023 3:28:44 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 3:28:44 AM	73675
Toluene	ND	0.048		mg/Kg	1	3/17/2023 3:28:44 AM	73675
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 3:28:44 AM	73675
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2023 3:28:44 AM	73675
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	3/17/2023 3:28:44 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-30

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 2:05:00 PM

**Lab ID:** 2303585-030

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2300	60		mg/Kg	20	3/16/2023 6:15:49 AM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	870	49		mg/Kg	5	3/16/2023 2:56:08 PM	73683
Motor Oil Range Organics (MRO)	580	250		mg/Kg	5	3/16/2023 2:56:08 PM	73683
Surr: DNOP	110	69-147		%Rec	5	3/16/2023 2:56:08 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 4:09:16 PM	73675
Surr: BFB	99.2	37.7-212		%Rec	1	3/17/2023 4:09:16 PM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 4:09:16 PM	73675
Toluene	ND	0.047		mg/Kg	1	3/17/2023 4:09:16 PM	73675
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 4:09:16 PM	73675
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 4:09:16 PM	73675
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	3/17/2023 4:09:16 PM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-31

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 2:07:00 PM

**Lab ID:** 2303585-031

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	440	60		mg/Kg	20	3/16/2023 7:38:58 AM	73739
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/16/2023 2:49:21 AM	73683
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/16/2023 2:49:21 AM	73683
Surr: DNOP	72.0	69-147		%Rec	1	3/16/2023 2:49:21 AM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 4:16:02 AM	73675
Surr: BFB	98.2	37.7-212		%Rec	1	3/17/2023 4:16:02 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 4:16:02 AM	73675
Toluene	ND	0.049		mg/Kg	1	3/17/2023 4:16:02 AM	73675
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 4:16:02 AM	73675
Xylenes, Total	ND	0.098		mg/Kg	1	3/17/2023 4:16:02 AM	73675
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	3/17/2023 4:16:02 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-32

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 2:09:00 PM

**Lab ID:** 2303585-032

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1700	60		mg/Kg	20	3/16/2023 3:57:08 PM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/16/2023 12:45:13 PM	73683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/16/2023 12:45:13 PM	73683
Surr: DNOP	82.0	69-147		%Rec	1	3/16/2023 12:45:13 PM	73683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 4:39:34 AM	73675
Surr: BFB	98.7	37.7-212		%Rec	1	3/17/2023 4:39:34 AM	73675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 4:39:34 AM	73675
Toluene	ND	0.049		mg/Kg	1	3/17/2023 4:39:34 AM	73675
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 4:39:34 AM	73675
Xylenes, Total	ND	0.098		mg/Kg	1	3/17/2023 4:39:34 AM	73675
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	3/17/2023 4:39:34 AM	73675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2303585

Date Reported: 3/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-33

Project: Stark BG Battery

Collection Date: 3/8/2023 2:12:00 PM

Lab ID: 2303585-033

Matrix: SOIL

Received Date: 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	3600	150		mg/Kg	50	3/17/2023 10:08:50 AM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/16/2023 9:02:42 PM	73710
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/16/2023 9:02:42 PM	73710
Surr: DNOP	72.2	69-147		%Rec	1	3/16/2023 9:02:42 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 2:34:00 PM	73686
Surr: BFB	91.4	37.7-212		%Rec	1	3/17/2023 2:34:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 2:34:00 PM	73686
Toluene	ND	0.048		mg/Kg	1	3/17/2023 2:34:00 PM	73686
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 2:34:00 PM	73686
Xylenes, Total	ND	0.096		mg/Kg	1	3/17/2023 2:34:00 PM	73686
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	3/17/2023 2:34:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-34

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 2:15:00 PM

**Lab ID:** 2303585-034

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1900	60		mg/Kg	20	3/16/2023 4:21:50 PM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/16/2023 9:26:02 PM	73710
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/16/2023 9:26:02 PM	73710
Surr: DNOP	85.3	69-147		%Rec	1	3/16/2023 9:26:02 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 3:39:00 PM	73686
Surr: BFB	91.0	37.7-212		%Rec	1	3/17/2023 3:39:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 3:39:00 PM	73686
Toluene	ND	0.049		mg/Kg	1	3/17/2023 3:39:00 PM	73686
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 3:39:00 PM	73686
Xylenes, Total	ND	0.098		mg/Kg	1	3/17/2023 3:39:00 PM	73686
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	3/17/2023 3:39:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2303585

Date Reported: 3/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-35

Project: Stark BG Battery

Collection Date: 3/8/2023 2:47:00 PM

Lab ID: 2303585-035

Matrix: SOIL

Received Date: 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	180	60		mg/Kg	20	3/16/2023 4:34:11 PM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/16/2023 9:49:37 PM	73710
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/16/2023 9:49:37 PM	73710
Surr: DNOP	84.4	69-147		%Rec	1	3/16/2023 9:49:37 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/17/2023 4:00:00 PM	73686
Surr: BFB	89.3	37.7-212		%Rec	1	3/17/2023 4:00:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 4:00:00 PM	73686
Toluene	ND	0.050		mg/Kg	1	3/17/2023 4:00:00 PM	73686
Ethylbenzene	ND	0.050		mg/Kg	1	3/17/2023 4:00:00 PM	73686
Xylenes, Total	ND	0.10		mg/Kg	1	3/17/2023 4:00:00 PM	73686
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	3/17/2023 4:00:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-36

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 2:58:00 PM

**Lab ID:** 2303585-036

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	3800	150		mg/Kg	50	3/17/2023 10:21:15 AM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/16/2023 10:13:16 PM	73710
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/16/2023 10:13:16 PM	73710
Surr: DNOP	83.7	69-147		%Rec	1	3/16/2023 10:13:16 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 4:22:00 PM	73686
Surr: BFB	91.1	37.7-212		%Rec	1	3/17/2023 4:22:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 4:22:00 PM	73686
Toluene	ND	0.048		mg/Kg	1	3/17/2023 4:22:00 PM	73686
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 4:22:00 PM	73686
Xylenes, Total	ND	0.096		mg/Kg	1	3/17/2023 4:22:00 PM	73686
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	3/17/2023 4:22:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2303585

Date Reported: 3/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-37

Project: Stark BG Battery

Collection Date: 3/8/2023 3:00:00 PM

Lab ID: 2303585-037

Matrix: SOIL

Received Date: 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JTT
Chloride	2700	150		mg/Kg	50	3/17/2023 10:33:39 AM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/16/2023 10:37:01 PM	73710
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/16/2023 10:37:01 PM	73710
Surr: DNOP	89.5	69-147		%Rec	1	3/16/2023 10:37:01 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 4:44:00 PM	73686
Surr: BFB	89.4	37.7-212		%Rec	1	3/17/2023 4:44:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	3/17/2023 4:44:00 PM	73686
Toluene	ND	0.047		mg/Kg	1	3/17/2023 4:44:00 PM	73686
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 4:44:00 PM	73686
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 4:44:00 PM	73686
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	3/17/2023 4:44:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-38

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:02:00 PM

**Lab ID:** 2303585-038

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1200	60		mg/Kg	20	3/16/2023 5:35:55 PM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/16/2023 11:00:48 PM	73710
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/16/2023 11:00:48 PM	73710
Surr: DNOP	99.0	69-147		%Rec	1	3/16/2023 11:00:48 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 5:05:00 PM	73686
Surr: BFB	91.4	37.7-212		%Rec	1	3/17/2023 5:05:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 5:05:00 PM	73686
Toluene	ND	0.049		mg/Kg	1	3/17/2023 5:05:00 PM	73686
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 5:05:00 PM	73686
Xylenes, Total	ND	0.097		mg/Kg	1	3/17/2023 5:05:00 PM	73686
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	3/17/2023 5:05:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-39

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:06:00 PM

**Lab ID:** 2303585-039

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	3100	150		mg/Kg	50	3/17/2023 10:46:04 AM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/16/2023 11:24:31 PM	73710
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/16/2023 11:24:31 PM	73710
Surr: DNOP	75.8	69-147		%Rec	1	3/16/2023 11:24:31 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 5:27:00 PM	73686
Surr: BFB	92.0	37.7-212		%Rec	1	3/17/2023 5:27:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 5:27:00 PM	73686
Toluene	ND	0.047		mg/Kg	1	3/17/2023 5:27:00 PM	73686
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 5:27:00 PM	73686
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 5:27:00 PM	73686
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	3/17/2023 5:27:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-40

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:10:00 PM

**Lab ID:** 2303585-040

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	4700	150		mg/Kg	50	3/17/2023 10:58:28 AM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/16/2023 11:48:11 PM	73710
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/16/2023 11:48:11 PM	73710
Surr: DNOP	88.4	69-147		%Rec	1	3/16/2023 11:48:11 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 5:49:00 PM	73686
Surr: BFB	87.5	37.7-212		%Rec	1	3/17/2023 5:49:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 5:49:00 PM	73686
Toluene	ND	0.047		mg/Kg	1	3/17/2023 5:49:00 PM	73686
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 5:49:00 PM	73686
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 5:49:00 PM	73686
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	3/17/2023 5:49:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-41

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:17:00 PM

**Lab ID:** 2303585-041

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	3500	150		mg/Kg	50	3/17/2023 11:10:53 AM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/17/2023 12:11:51 AM	73710
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/17/2023 12:11:51 AM	73710
Surr: DNOP	91.1	69-147		%Rec	1	3/17/2023 12:11:51 AM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 6:32:00 PM	73686
Surr: BFB	89.8	37.7-212		%Rec	1	3/17/2023 6:32:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 6:32:00 PM	73686
Toluene	ND	0.047		mg/Kg	1	3/17/2023 6:32:00 PM	73686
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 6:32:00 PM	73686
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2023 6:32:00 PM	73686
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	3/17/2023 6:32:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-42

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:20:00 PM

**Lab ID:** 2303585-042

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1200	60		mg/Kg	20	3/16/2023 6:49:59 PM	73752
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	3/17/2023 12:35:30 AM	73710
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	3/17/2023 12:35:30 AM	73710
Surr: DNOP	81.4	69-147		%Rec	1	3/17/2023 12:35:30 AM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 6:54:00 PM	73686
Surr: BFB	89.2	37.7-212		%Rec	1	3/17/2023 6:54:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 6:54:00 PM	73686
Toluene	ND	0.049		mg/Kg	1	3/17/2023 6:54:00 PM	73686
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 6:54:00 PM	73686
Xylenes, Total	ND	0.098		mg/Kg	1	3/17/2023 6:54:00 PM	73686
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	3/17/2023 6:54:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: 3/24/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-43

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:22:00 PM

**Lab ID:** 2303585-043

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	2700	150		mg/Kg	50	3/17/2023 11:23:18 AM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/17/2023 12:59:10 AM	73710
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/17/2023 12:59:10 AM	73710
Surr: DNOP	85.5	69-147		%Rec	1	3/17/2023 12:59:10 AM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 7:15:00 PM	73686
Surr: BFB	89.6	37.7-212		%Rec	1	3/17/2023 7:15:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 7:15:00 PM	73686
Toluene	ND	0.047		mg/Kg	1	3/17/2023 7:15:00 PM	73686
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 7:15:00 PM	73686
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2023 7:15:00 PM	73686
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	3/17/2023 7:15:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-44

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:24:00 PM

**Lab ID:** 2303585-044

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	4900	150		mg/Kg	50	3/17/2023 11:35:43 AM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/17/2023 1:22:47 AM	73710
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2023 1:22:47 AM	73710
Surr: DNOP	95.7	69-147		%Rec	1	3/17/2023 1:22:47 AM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 7:37:00 PM	73686
Surr: BFB	90.9	37.7-212		%Rec	1	3/17/2023 7:37:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 7:37:00 PM	73686
Toluene	ND	0.047		mg/Kg	1	3/17/2023 7:37:00 PM	73686
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 7:37:00 PM	73686
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 7:37:00 PM	73686
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	3/17/2023 7:37:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-45

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:30:00 PM

**Lab ID:** 2303585-045

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	7300	300		mg/Kg	100	3/17/2023 11:48:08 AM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	3/17/2023 1:46:25 AM	73710
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/17/2023 1:46:25 AM	73710
Surr: DNOP	74.8	69-147		%Rec	1	3/17/2023 1:46:25 AM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/17/2023 7:58:00 PM	73686
Surr: BFB	89.4	37.7-212		%Rec	1	3/17/2023 7:58:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 7:58:00 PM	73686
Toluene	ND	0.050		mg/Kg	1	3/17/2023 7:58:00 PM	73686
Ethylbenzene	ND	0.050		mg/Kg	1	3/17/2023 7:58:00 PM	73686
Xylenes, Total	ND	0.099		mg/Kg	1	3/17/2023 7:58:00 PM	73686
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	3/17/2023 7:58:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-46

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:32:00 PM

**Lab ID:** 2303585-046

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	700	60		mg/Kg	20	3/16/2023 9:18:05 PM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/17/2023 1:22:29 PM	73770
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2023 1:22:29 PM	73770
Surr: DNOP	72.5	69-147		%Rec	1	3/17/2023 1:22:29 PM	73770
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2023 8:20:00 PM	73686
Surr: BFB	93.0	37.7-212		%Rec	1	3/17/2023 8:20:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.023		mg/Kg	1	3/17/2023 8:20:00 PM	73686
Toluene	ND	0.047		mg/Kg	1	3/17/2023 8:20:00 PM	73686
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2023 8:20:00 PM	73686
Xylenes, Total	ND	0.094		mg/Kg	1	3/17/2023 8:20:00 PM	73686
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	3/17/2023 8:20:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-47

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:34:00 PM

**Lab ID:** 2303585-047

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1200	60		mg/Kg	20	3/16/2023 9:30:26 PM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/17/2023 2:33:23 AM	73710
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2023 2:33:23 AM	73710
Surr: DNOP	85.4	69-147		%Rec	1	3/17/2023 2:33:23 AM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 8:42:00 PM	73686
Surr: BFB	88.2	37.7-212		%Rec	1	3/17/2023 8:42:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 8:42:00 PM	73686
Toluene	ND	0.049		mg/Kg	1	3/17/2023 8:42:00 PM	73686
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 8:42:00 PM	73686
Xylenes, Total	ND	0.099		mg/Kg	1	3/17/2023 8:42:00 PM	73686
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	3/17/2023 8:42:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-48

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:36:00 PM

**Lab ID:** 2303585-048

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1000	60		mg/Kg	20	3/16/2023 9:42:46 PM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/20/2023 12:50:11 PM	73794
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/20/2023 12:50:11 PM	73794
Surr: DNOP	78.0	69-147		%Rec	1	3/20/2023 12:50:11 PM	73794
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 9:03:00 PM	73686
Surr: BFB	90.3	37.7-212		%Rec	1	3/17/2023 9:03:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 9:03:00 PM	73686
Toluene	ND	0.048		mg/Kg	1	3/17/2023 9:03:00 PM	73686
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 9:03:00 PM	73686
Xylenes, Total	ND	0.097		mg/Kg	1	3/17/2023 9:03:00 PM	73686
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	3/17/2023 9:03:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-49

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:40:00 PM

**Lab ID:** 2303585-049

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	870	60		mg/Kg	20	3/16/2023 9:55:07 PM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	3/16/2023 4:02:39 PM	73710
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/16/2023 4:02:39 PM	73710
Surr: DNOP	80.7	69-147		%Rec	1	3/16/2023 4:02:39 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2023 9:25:00 PM	73686
Surr: BFB	90.2	37.7-212		%Rec	1	3/17/2023 9:25:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	3/17/2023 9:25:00 PM	73686
Toluene	ND	0.049		mg/Kg	1	3/17/2023 9:25:00 PM	73686
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2023 9:25:00 PM	73686
Xylenes, Total	ND	0.099		mg/Kg	1	3/17/2023 9:25:00 PM	73686
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	3/17/2023 9:25:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303585**

Date Reported: **3/24/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-50

**Project:** Stark BG Battery

**Collection Date:** 3/8/2023 3:42:00 PM

**Lab ID:** 2303585-050

**Matrix:** SOIL

**Received Date:** 3/10/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	6500	300		mg/Kg	100	3/17/2023 12:00:33 PM	73766
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	3/17/2023 12:51:54 PM	73710
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	3/17/2023 12:51:54 PM	73710
Surr: DNOP	76.4	69-147		%Rec	1	3/17/2023 12:51:54 PM	73710
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/17/2023 9:47:00 PM	73686
Surr: BFB	86.8	37.7-212		%Rec	1	3/17/2023 9:47:00 PM	73686
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	3/17/2023 9:47:00 PM	73686
Toluene	ND	0.048		mg/Kg	1	3/17/2023 9:47:00 PM	73686
Ethylbenzene	ND	0.048		mg/Kg	1	3/17/2023 9:47:00 PM	73686
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2023 9:47:00 PM	73686
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	3/17/2023 9:47:00 PM	73686

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-73724</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73724</b>	RunNo: <b>95316</b>								
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/15/2023</b>	SeqNo: <b>3447493</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73724</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73724</b>	RunNo: <b>95316</b>								
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/15/2023</b>	SeqNo: <b>3447494</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: <b>MB-73739</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73739</b>	RunNo: <b>95316</b>								
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/16/2023</b>	SeqNo: <b>3447562</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73739</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73739</b>	RunNo: <b>95316</b>								
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/16/2023</b>	SeqNo: <b>3447563</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.4	90	110			

Sample ID: <b>MB-73752</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73752</b>	RunNo: <b>95346</b>								
Prep Date: <b>3/16/2023</b>	Analysis Date: <b>3/16/2023</b>	SeqNo: <b>3448760</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73752</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73752</b>	RunNo: <b>95346</b>								
Prep Date: <b>3/16/2023</b>	Analysis Date: <b>3/16/2023</b>	SeqNo: <b>3448761</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-73766</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73766</b>	RunNo: <b>95346</b>								
Prep Date: <b>3/16/2023</b>	Analysis Date: <b>3/16/2023</b>	SeqNo: <b>3448802</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-73766</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73766</b>	RunNo: <b>95346</b>								
Prep Date: <b>3/16/2023</b>	Analysis Date: <b>3/16/2023</b>	SeqNo: <b>3448803</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-73681</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73681</b>	RunNo: <b>95271</b>								
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/14/2023</b>	SeqNo: <b>3445679</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.9	61.9	130			
Surr: DNOP	4.9		5.000		98.7	69	147			

Sample ID: <b>MB-73681</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73681</b>	RunNo: <b>95271</b>								
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/14/2023</b>	SeqNo: <b>3445680</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.3	69	147			

Sample ID: <b>MB-73683</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73683</b>	RunNo: <b>95288</b>								
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/15/2023</b>	SeqNo: <b>3446555</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		89.5	69	147			

Sample ID: <b>LCS-73683</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73683</b>	RunNo: <b>95288</b>								
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/15/2023</b>	SeqNo: <b>3446996</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.3	61.9	130			
Surr: DNOP	3.3		5.000		66.7	69	147			S

Sample ID: <b>MB-73710</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73710</b>	RunNo: <b>95279</b>								
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/16/2023</b>	SeqNo: <b>3447687</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		95.9	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-73710</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73710</b>		RunNo: <b>95279</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3447688</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	100	61.9	130			
Surr: DNOP	4.7		5.000		94.9	69	147			

Sample ID: <b>LCS-73683</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73683</b>		RunNo: <b>95322</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/15/2023</b>		SeqNo: <b>3447797</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.3	61.9	130			
Surr: DNOP	4.2		5.000		83.7	69	147			

Sample ID: <b>LCS-73727</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73727</b>		RunNo: <b>95320</b>							
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448731</b>		Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.8		5.000		96.1	69	147			

Sample ID: <b>MB-73727</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73727</b>		RunNo: <b>95320</b>							
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448733</b>		Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		102	69	147			

Sample ID: <b>LCS-73770</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73770</b>		RunNo: <b>95355</b>							
Prep Date: <b>3/17/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3449228</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.5	61.9	130			
Surr: DNOP	4.3		5.000		85.0	69	147			

Sample ID: <b>MB-73770</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73770</b>		RunNo: <b>95355</b>							
Prep Date: <b>3/17/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3449229</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-73770</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73770</b>	RunNo: <b>95355</b>								
Prep Date: <b>3/17/2023</b>	Analysis Date: <b>3/17/2023</b>	SeqNo: <b>3449229</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.9		10.00		88.7	69	147			

Sample ID: <b>MB-73794</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>73794</b>	RunNo: <b>95380</b>								
Prep Date: <b>3/20/2023</b>	Analysis Date: <b>3/20/2023</b>	SeqNo: <b>3450241</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		86.4	69	147			

Sample ID: <b>LCS-73794</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>73794</b>	RunNo: <b>95380</b>								
Prep Date: <b>3/20/2023</b>	Analysis Date: <b>3/20/2023</b>	SeqNo: <b>3450243</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.6	61.9	130			
Surr: DNOP	4.4		5.000		87.0	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-73714</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73714</b>		RunNo: <b>95315</b>							
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3447482</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1900		1000		190	37.7	212			

Sample ID: <b>mb-73714</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73714</b>		RunNo: <b>95315</b>							
Prep Date: <b>3/15/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3447483</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		106	37.7	212			

Sample ID: <b>ics-73674</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73674</b>		RunNo: <b>95308</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448234</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	18	5.0	25.00	0	73.2	70	130			
Surr: BFB	1900		1000		188	37.7	212			

Sample ID: <b>mb-73674</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73674</b>		RunNo: <b>95308</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448507</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.0	37.7	212			

Sample ID: <b>ics-73675</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73675</b>		RunNo: <b>95315</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448606</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	70	130			
Surr: BFB	1900		1000		194	37.7	212			

Sample ID: <b>mb-73675</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73675</b>		RunNo: <b>95315</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448607</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	37.7	212			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-73706</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73706</b>		RunNo: <b>95348</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3448837</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1800		1000		179	37.7	212			

Sample ID: <b>mb-73706</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73706</b>		RunNo: <b>95348</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3448838</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	990		1000		98.6	37.7	212			

Sample ID: <b>ics-73686</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73686</b>		RunNo: <b>95373</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3449976</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.1	70	130			
Surr: BFB	1900		1000		186	37.7	212			

Sample ID: <b>mb-73686</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73686</b>		RunNo: <b>95373</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3449977</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		92.2	37.7	212			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-73674</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73674</b>		RunNo: <b>95308</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448410</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.4	80	120			
Toluene	0.84	0.050	1.000	0	83.5	80	120			
Ethylbenzene	0.82	0.050	1.000	0	81.9	80	120			
Xylenes, Total	2.4	0.10	3.000	0	81.4	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	70	130			

Sample ID: <b>mb-73674</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73674</b>		RunNo: <b>95308</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448534</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		92.6	70	130			

Sample ID: <b>LCS-73675</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73675</b>		RunNo: <b>95315</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448608</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.7	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.2	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.6	70	130			

Sample ID: <b>mb-73675</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73675</b>		RunNo: <b>95315</b>							
Prep Date: <b>3/13/2023</b>	Analysis Date: <b>3/16/2023</b>		SeqNo: <b>3448609</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.3	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303585

24-Mar-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-73706</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73706</b>		RunNo: <b>95348</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3448840</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		1.000		95.0	70	130			

Sample ID: <b>mb-73706</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73706</b>		RunNo: <b>95348</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3448841</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		1.000		94.5	70	130			

Sample ID: <b>lcs-73686</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73686</b>		RunNo: <b>95373</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3450049</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.4	80	120			
Toluene	0.87	0.050	1.000	0	86.9	80	120			
Ethylbenzene	0.85	0.050	1.000	0	85.2	80	120			
Xylenes, Total	2.5	0.10	3.000	0	84.8	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	70	130			

Sample ID: <b>mb-73686</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73686</b>		RunNo: <b>95373</b>							
Prep Date: <b>3/14/2023</b>	Analysis Date: <b>3/17/2023</b>		SeqNo: <b>3450050</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		92.1	70	130			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2303585 RcptNo: 1

Received By: Tracy Casarrubias 3/10/2023 7:30:00 AM
Completed By: Tracy Casarrubias 3/10/2023 8:00:57 AM
Reviewed By: jn 3/10/23

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: KPA 3.10.23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

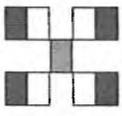
Person Notified:
By Whom:
Regarding:
Client Instructions:
Date:
Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 5.0, Good, Yes, Yogi, ,





**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

IDENTIFYING TITLE:

Standard  Rush EOG S DAY JAT

Project Name:

STACK BG BATTERY

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice:  Yes  No 40gi

# of Coolers: 1

Cooler Temp (including CP): 5.0 - 0 = 5.0 ~

Container Type and #

Preservative Type

HEAL No.

1x 4oz Jar ICE 013

014

015

016

017

018

019

020

021

022

023

024

Received by: [Signature] Date: 3/9/23 Time: 8:00

Received by: [Signature] Date: 3/10/23 Time: 7:50

Project Manager: W. Kierdorf

Accreditation:  Az Compliance

Standard  Level 4 (Full Validation)

NELAC  Other

EDD (Type) Excel

QA/QC Package:

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Analysis Request

BTEX (8021)

Chloride (EPA 300)

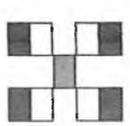
TPH:8015D(GRO / DRO / MRO)

Remarks: Bill to EOG Artesia

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
<u>3-8-23</u>	<u>1212</u>	<u>Soil</u>	<u>B-13</u>	<u>1x 4oz Jar</u>	<u>ICE</u>	<u>013</u>
	<u>1215</u>		<u>B-14</u>			<u>014</u>
	<u>1219</u>		<u>B-15</u>			<u>015</u>
	<u>1223</u>		<u>B-16</u>			<u>016</u>
	<u>1227</u>		<u>B-17</u>			<u>017</u>
	<u>1245</u>		<u>B-18</u>			<u>018</u>
	<u>1249</u>		<u>B-19</u>			<u>019</u>
	<u>1250</u>		<u>B-20</u>			<u>020</u>
	<u>1252</u>		<u>B-21</u>			<u>021</u>
	<u>1255</u>		<u>B-22</u>			<u>022</u>
	<u>1257</u>	<u>1257</u>	<u>B-23</u>			<u>023</u>
	<u>1259</u>		<u>B-24</u>			<u>024</u>

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.





**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

**Analysis Request**

Standard  Rush **EOG 5 DAY TAT**

Project Name: **STARK OG BATTERY**

Project #: 5375

Project Manager: W. Kierdorf

Sampler: **J. Martinez**

On Ice:  Yes  No **400i**

# of Coolers: **1**

Cooler Temp (including CF): **5.0 - 0 = 5.0 °C**

Container Type and #

Preservative Type

HEAL No.

**1x 402 Jar**

**ICE**

**2303585**

**B-37**

**037**

**037**

**B-38**

**038**

**038**

**B-39**

**039**

**039**

**B-40**

**040**

**040**

**B-41**

**041**

**041**

**B-42**

**042**

**042**

**B-43**

**043**

**043**

**B-44**

**044**

**044**

**B-45**

**045**

**045**

**B-46**

**046**

**046**

**B-47**

**047**

**047**

**B-48**

**048**

**048**

Date: **3-8-23**

Time: **1500**

Matrix: **Soil**

Date: **3-9-23**

Time: **0800**

Matrix: **g. p...**

Date: **3-9-23**

Time: **1900**

Matrix: **...**

Date: **3-9-23**

Time: **0800**

Matrix: **...**

Received by: **...**

Via: **...**

Date: **3-9-23**

Received by: **...**

Via: **...**

Date: **3/10/23**

Received by: **...**

Via: **...**

Date: **3/10/23**

Date: **3-9-23**

Time: **0800**

Matrix: **...**

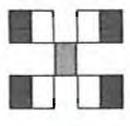
Date: **3-9-23**

Time: **1900**

Matrix: **...**

Date: **3-9-23**

Time: **0800**



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

**Analysis Request**

Standard  Rush  **EOG 5 DAY TAR**

Project Name: **STARK OG BATTERY**

Project #: 5375

Project Manager: W. Kierdorf

Sampler: **J. Martinez**

On Ice:  Yes  No **4091**

# of Coolers: **1**

Cooler Temp (including CP): **5.0 - 0 = 5.0 °C**

Container Type and #	Preservative Type	HEAL No.
<b>1x4oz Jar</b>	<b>ICE</b>	<b>2303565</b>
<b>↓</b>	<b>↓</b>	<b>649</b>
<b>↓</b>	<b>↓</b>	<b>650</b>

BTEX (8021)  TPH:8015D(GRO / DRO / MRO)  Chloride (EPA 300)

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

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

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)  Excel

Date	Time	Matrix	Sample Name
<b>3-8-23</b>	<b>1540</b>	<b>soil</b>	<b>B-49</b>
<b>↓</b>	<b>1542</b>	<b>↓</b>	<b>B-50</b>

Received by: **[Signature]** Date: **3-9-23** Time: **0600**  
 Received by: **[Signature]** Date: **3/16/23** Time: **7:30**

Remarks: Bill to EOG Artesia

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



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

April 04, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Stark BG Battery

OrderNo.: 2303C86

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 5 sample(s) on 3/25/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order **2303C86**

Date Reported: **4/4/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22A/1

**Project:** Stark BG Battery

**Collection Date:** 3/23/2023 11:45:00 AM

**Lab ID:** 2303C86-001

**Matrix:** SOIL

**Received Date:** 3/25/2023 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	880	60		mg/Kg	20	3/30/2023 2:13:48 PM	74020
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	7300	92		mg/Kg	10	3/31/2023 2:06:10 AM	74034
Motor Oil Range Organics (MRO)	3500	460		mg/Kg	10	3/31/2023 2:06:10 AM	74034
Surr: DNOP	0	69-147	S	%Rec	10	3/31/2023 2:06:10 AM	74034
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	100	24		mg/Kg	5	3/30/2023 6:57:00 PM	73993
Surr: BFB	254	37.7-212	S	%Rec	5	3/30/2023 6:57:00 PM	73993
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.12		mg/Kg	5	3/30/2023 6:57:00 PM	73993
Toluene	0.98	0.24		mg/Kg	5	3/30/2023 6:57:00 PM	73993
Ethylbenzene	1.9	0.24		mg/Kg	5	3/30/2023 6:57:00 PM	73993
Xylenes, Total	4.0	0.47		mg/Kg	5	3/30/2023 6:57:00 PM	73993
Surr: 4-Bromofluorobenzene	134	70-130	S	%Rec	5	3/30/2023 6:57:00 PM	73993

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303C86**

Date Reported: **4/4/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22A/2

**Project:** Stark BG Battery

**Collection Date:** 3/23/2023 11:50:00 AM

**Lab ID:** 2303C86-002

**Matrix:** SOIL

**Received Date:** 3/25/2023 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2000	60		mg/Kg	20	3/30/2023 2:51:01 PM	74020
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	12000	190		mg/Kg	20	3/31/2023 12:52:02 PM	74034
Motor Oil Range Organics (MRO)	5000	960		mg/Kg	20	3/31/2023 12:52:02 PM	74034
Surr: DNOP	0	69-147	S	%Rec	20	3/31/2023 12:52:02 PM	74034
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	170	24		mg/Kg	5	3/30/2023 7:18:00 PM	73993
Surr: BFB	250	37.7-212	S	%Rec	5	3/30/2023 7:18:00 PM	73993
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.12		mg/Kg	5	3/30/2023 7:18:00 PM	73993
Toluene	0.30	0.24		mg/Kg	5	3/30/2023 7:18:00 PM	73993
Ethylbenzene	2.9	0.24		mg/Kg	5	3/30/2023 7:18:00 PM	73993
Xylenes, Total	5.7	0.48		mg/Kg	5	3/30/2023 7:18:00 PM	73993
Surr: 4-Bromofluorobenzene	164	70-130	S	%Rec	5	3/30/2023 7:18:00 PM	73993

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303C86**

Date Reported: **4/4/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22A/3

**Project:** Stark BG Battery

**Collection Date:** 3/23/2023 11:52:00 AM

**Lab ID:** 2303C86-003

**Matrix:** SOIL

**Received Date:** 3/25/2023 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1100	60		mg/Kg	20	3/30/2023 4:17:54 PM	74038
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	800	88		mg/Kg	10	3/30/2023 3:05:38 PM	74015
Motor Oil Range Organics (MRO)	1300	440		mg/Kg	10	3/30/2023 3:05:38 PM	74015
Surr: DNOP	0	69-147	S	%Rec	10	3/30/2023 3:05:38 PM	74015
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	3/31/2023 4:54:03 AM	74005
Surr: BFB	98.0	37.7-212		%Rec	5	3/31/2023 4:54:03 AM	74005
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.12		mg/Kg	5	3/31/2023 4:54:03 AM	74005
Toluene	ND	0.24		mg/Kg	5	3/31/2023 4:54:03 AM	74005
Ethylbenzene	ND	0.24		mg/Kg	5	3/31/2023 4:54:03 AM	74005
Xylenes, Total	ND	0.48		mg/Kg	5	3/31/2023 4:54:03 AM	74005
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	5	3/31/2023 4:54:03 AM	74005

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303C86**

Date Reported: **4/4/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22A/4

**Project:** Stark BG Battery

**Collection Date:** 3/23/2023 11:54:00 AM

**Lab ID:** 2303C86-004

**Matrix:** SOIL

**Received Date:** 3/25/2023 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	540	60		mg/Kg	20	3/30/2023 4:30:18 PM	74038
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	120	9.8		mg/Kg	1	3/31/2023 12:30:43 PM	74015
Motor Oil Range Organics (MRO)	170	49		mg/Kg	1	3/31/2023 12:30:43 PM	74015
Surr: DNOP	99.1	69-147		%Rec	1	3/31/2023 12:30:43 PM	74015
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2023 5:17:26 AM	74005
Surr: BFB	98.2	37.7-212		%Rec	1	3/31/2023 5:17:26 AM	74005
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	3/31/2023 5:17:26 AM	74005
Toluene	ND	0.050		mg/Kg	1	3/31/2023 5:17:26 AM	74005
Ethylbenzene	ND	0.050		mg/Kg	1	3/31/2023 5:17:26 AM	74005
Xylenes, Total	ND	0.099		mg/Kg	1	3/31/2023 5:17:26 AM	74005
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	3/31/2023 5:17:26 AM	74005

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2303C86**

Date Reported: **4/4/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22A/5

**Project:** Stark BG Battery

**Collection Date:** 3/23/2023 11:56:00 AM

**Lab ID:** 2303C86-005

**Matrix:** SOIL

**Received Date:** 3/25/2023 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	520	60		mg/Kg	20	3/30/2023 4:42:42 PM	74038
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	69	9.5		mg/Kg	1	3/31/2023 12:41:21 PM	74015
Motor Oil Range Organics (MRO)	130	47		mg/Kg	1	3/31/2023 12:41:21 PM	74015
Surr: DNOP	106	69-147		%Rec	1	3/31/2023 12:41:21 PM	74015
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/31/2023 5:40:51 AM	74005
Surr: BFB	98.5	37.7-212		%Rec	1	3/31/2023 5:40:51 AM	74005
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	3/31/2023 5:40:51 AM	74005
Toluene	ND	0.049		mg/Kg	1	3/31/2023 5:40:51 AM	74005
Ethylbenzene	ND	0.049		mg/Kg	1	3/31/2023 5:40:51 AM	74005
Xylenes, Total	ND	0.097		mg/Kg	1	3/31/2023 5:40:51 AM	74005
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	3/31/2023 5:40:51 AM	74005

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2303C86

04-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-74020</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74020</b>	RunNo: <b>95700</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3463677</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-74020</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74020</b>	RunNo: <b>95700</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3463678</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Sample ID: <b>MB-74038</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74038</b>	RunNo: <b>95700</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3463712</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-74038</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74038</b>	RunNo: <b>95700</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3463713</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303C86

04-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-74015</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74015</b>	RunNo: <b>95677</b>								
Prep Date: <b>3/29/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3462620</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	69	147			

Sample ID: <b>LCS-74015</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74015</b>	RunNo: <b>95677</b>								
Prep Date: <b>3/29/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3462621</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.5	61.9	130			
Surr: DNOP	5.5		5.000		110	69	147			

Sample ID: <b>MB-74034</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74034</b>	RunNo: <b>95677</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3463183</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.5	69	147			

Sample ID: <b>LCS-74034</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74034</b>	RunNo: <b>95677</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/30/2023</b>	SeqNo: <b>3463186</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	81.1	61.9	130			
Surr: DNOP	4.9		5.000		97.7	69	147			

Sample ID: <b>MB-74042</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74042</b>	RunNo: <b>95708</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/31/2023</b>	SeqNo: <b>3465049</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		97.5	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303C86

04-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-74042</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74042</b>	RunNo: <b>95708</b>								
Prep Date: <b>3/30/2023</b>	Analysis Date: <b>3/31/2023</b>	SeqNo: <b>3465054</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		93.5	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303C86

04-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-73993</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73993</b>		RunNo: <b>95676</b>							
Prep Date: <b>3/28/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3462547</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.5	70	130			
Surr: BFB	2000		1000		205	37.7	212			

Sample ID: <b>mb-73993</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73993</b>		RunNo: <b>95676</b>							
Prep Date: <b>3/28/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3462548</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		87.8	37.7	212			

Sample ID: <b>ics-74005</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>74005</b>		RunNo: <b>95669</b>							
Prep Date: <b>3/29/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3463607</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.5	70	130			
Surr: BFB	1900		1000		194	37.7	212			

Sample ID: <b>mb-74005</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>74005</b>		RunNo: <b>95669</b>							
Prep Date: <b>3/29/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3463608</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	37.7	212			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2303C86

04-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-73993</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>73993</b>		RunNo: <b>95676</b>							
Prep Date: <b>3/28/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3462553</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.3	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.2	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.4	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.6	70	130			

Sample ID: <b>mb-73993</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>73993</b>		RunNo: <b>95676</b>							
Prep Date: <b>3/28/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3462554</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.4	70	130			

Sample ID: <b>LCS-74005</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>74005</b>		RunNo: <b>95669</b>							
Prep Date: <b>3/29/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3463614</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.4	80	120			
Toluene	0.91	0.050	1.000	0	90.9	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.3	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.8	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.1	70	130			

Sample ID: <b>mb-74005</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>74005</b>		RunNo: <b>95669</b>							
Prep Date: <b>3/29/2023</b>	Analysis Date: <b>3/30/2023</b>		SeqNo: <b>3463615</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.8	70	130			

**Qualifiers:**

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



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

# Sample Log-In Check List

Client Name: EOG Work Order Number: 2303C86 RcptNo: 1

Received By: Tracy Casarrubias 3/25/2023 11:00:00 AM

Completed By: Tracy Casarrubias 3/25/2023 12:10:10 PM

Reviewed By: *JN 3/27/23*

### Chain of Custody

- 1. Is Chain of Custody complete? Yes  No  Not Present
- 2. How was the sample delivered? Courier

### Log In

- 3. Was an attempt made to cool the samples? Yes  No  NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 5. Sample(s) in proper container(s)? Yes  No
- 6. Sufficient sample volume for indicated test(s)? Yes  No
- 7. Are samples (except VOA and ONG) properly preserved? Yes  No
- 8. Was preservative added to bottles? Yes  No  NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
- 10. Were any sample containers received broken? Yes  No
- 11. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
- 12. Are matrices correctly identified on Chain of Custody? Yes  No
- 13. Is it clear what analyses were requested? Yes  No
- 14. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: \_\_\_\_\_  
(<2 or >12 unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: *TMC 3/25/23*

### Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good	Yes	Yogi		





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

April 14, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Stark BG Battery

OrderNo.: 2304350

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/7/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order **2304350**

Date Reported: **4/14/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22A/1A

**Project:** Stark BG Battery

**Collection Date:** 4/6/2023 9:45:00 AM

**Lab ID:** 2304350-001

**Matrix:** SOIL

**Received Date:** 4/7/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	290	60		mg/Kg	20	4/12/2023 10:28:37 PM	74285
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	100	9.4		mg/Kg	1	4/13/2023 12:29:15 PM	74270
Motor Oil Range Organics (MRO)	66	47		mg/Kg	1	4/13/2023 12:29:15 PM	74270
Surr: DNOP	104	69-147		%Rec	1	4/13/2023 12:29:15 PM	74270
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/12/2023 7:49:00 PM	74262
Surr: BFB	87.0	37.7-212		%Rec	1	4/12/2023 7:49:00 PM	74262
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	4/12/2023 7:49:00 PM	74262
Toluene	ND	0.049		mg/Kg	1	4/12/2023 7:49:00 PM	74262
Ethylbenzene	ND	0.049		mg/Kg	1	4/12/2023 7:49:00 PM	74262
Xylenes, Total	ND	0.098		mg/Kg	1	4/12/2023 7:49:00 PM	74262
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	4/12/2023 7:49:00 PM	74262

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304350**

Date Reported: **4/14/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-21A/1A

**Project:** Stark BG Battery

**Collection Date:** 4/6/2023 10:00:00 AM

**Lab ID:** 2304350-002

**Matrix:** SOIL

**Received Date:** 4/7/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	930	60		mg/Kg	20	4/12/2023 10:41:02 PM	74285
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	200	9.6		mg/Kg	1	4/13/2023 12:51:10 PM	74270
Motor Oil Range Organics (MRO)	120	48		mg/Kg	1	4/13/2023 12:51:10 PM	74270
Surr: DNOP	92.7	69-147		%Rec	1	4/13/2023 12:51:10 PM	74270
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/12/2023 8:11:00 PM	74262
Surr: BFB	91.6	37.7-212		%Rec	1	4/12/2023 8:11:00 PM	74262
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	4/12/2023 8:11:00 PM	74262
Toluene	ND	0.049		mg/Kg	1	4/12/2023 8:11:00 PM	74262
Ethylbenzene	ND	0.049		mg/Kg	1	4/12/2023 8:11:00 PM	74262
Xylenes, Total	ND	0.098		mg/Kg	1	4/12/2023 8:11:00 PM	74262
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	4/12/2023 8:11:00 PM	74262

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304350**

Date Reported: **4/14/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22/W1

**Project:** Stark BG Battery

**Collection Date:** 4/6/2023 10:20:00 AM

**Lab ID:** 2304350-003

**Matrix:** SOIL

**Received Date:** 4/7/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	390	60		mg/Kg	20	4/12/2023 10:53:26 PM	74285
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	110	10		mg/Kg	1	4/13/2023 1:23:04 PM	74270
Motor Oil Range Organics (MRO)	87	50		mg/Kg	1	4/13/2023 1:23:04 PM	74270
Surr: DNOP	103	69-147		%Rec	1	4/13/2023 1:23:04 PM	74270
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/12/2023 8:32:00 PM	74262
Surr: BFB	90.1	37.7-212		%Rec	1	4/12/2023 8:32:00 PM	74262
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	4/12/2023 8:32:00 PM	74262
Toluene	ND	0.048		mg/Kg	1	4/12/2023 8:32:00 PM	74262
Ethylbenzene	ND	0.048		mg/Kg	1	4/12/2023 8:32:00 PM	74262
Xylenes, Total	ND	0.095		mg/Kg	1	4/12/2023 8:32:00 PM	74262
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	4/12/2023 8:32:00 PM	74262

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304350**

Date Reported: **4/14/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** B-22/W2

**Project:** Stark BG Battery

**Collection Date:** 4/6/2023 10:40:00 AM

**Lab ID:** 2304350-004

**Matrix:** SOIL

**Received Date:** 4/7/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	960	59		mg/Kg	20	4/12/2023 11:30:40 PM	74285
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	120	9.6		mg/Kg	1	4/13/2023 1:54:55 PM	74270
Motor Oil Range Organics (MRO)	70	48		mg/Kg	1	4/13/2023 1:54:55 PM	74270
Surr: DNOP	99.1	69-147		%Rec	1	4/13/2023 1:54:55 PM	74270
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/12/2023 8:54:00 PM	74262
Surr: BFB	91.3	37.7-212		%Rec	1	4/12/2023 8:54:00 PM	74262
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	4/12/2023 8:54:00 PM	74262
Toluene	ND	0.049		mg/Kg	1	4/12/2023 8:54:00 PM	74262
Ethylbenzene	ND	0.049		mg/Kg	1	4/12/2023 8:54:00 PM	74262
Xylenes, Total	ND	0.098		mg/Kg	1	4/12/2023 8:54:00 PM	74262
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	4/12/2023 8:54:00 PM	74262

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2304350

14-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-74285</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74285</b>	RunNo: <b>95984</b>								
Prep Date: <b>4/12/2023</b>	Analysis Date: <b>4/12/2023</b>	SeqNo: <b>3475711</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-74285</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74285</b>	RunNo: <b>95984</b>								
Prep Date: <b>4/12/2023</b>	Analysis Date: <b>4/12/2023</b>	SeqNo: <b>3475712</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	101	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304350

14-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-74270</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74270</b>	RunNo: <b>96013</b>								
Prep Date: <b>4/12/2023</b>	Analysis Date: <b>4/13/2023</b>	SeqNo: <b>3476725</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	82.9	61.9	130			
Surr: DNOP	4.6		5.000		92.9	69	147			

Sample ID: <b>MB-74270</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74270</b>	RunNo: <b>96013</b>								
Prep Date: <b>4/12/2023</b>	Analysis Date: <b>4/13/2023</b>	SeqNo: <b>3476729</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		96.6	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304350

14-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-74262</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74262</b>	RunNo: <b>95978</b>								
Prep Date: <b>4/11/2023</b>	Analysis Date: <b>4/12/2023</b>	SeqNo: <b>3475392</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.8	70	130			
Surr: BFB	1900		1000		192	37.7	212			

Sample ID: <b>mb-74262</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74262</b>	RunNo: <b>95978</b>								
Prep Date: <b>4/11/2023</b>	Analysis Date: <b>4/12/2023</b>	SeqNo: <b>3475394</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		90.6	37.7	212			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304350

14-Apr-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-74262</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74262</b>	RunNo: <b>95978</b>								
Prep Date: <b>4/11/2023</b>	Analysis Date: <b>4/12/2023</b>	SeqNo: <b>3475411</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.0	80	120			
Toluene	0.90	0.050	1.000	0	89.5	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.0	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.4	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.5	70	130			

Sample ID: <b>mb-74262</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74262</b>	RunNo: <b>95978</b>								
Prep Date: <b>4/11/2023</b>	Analysis Date: <b>4/12/2023</b>	SeqNo: <b>3475412</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.5	70	130			

**Qualifiers:**

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



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

# Sample Log-In Check List

Client Name: EOG Work Order Number: 2304350 RcptNo: 1

Received By: Tracy Casarrubias 4/7/2023 7:30:00 AM  
Completed By: Tracy Casarrubias 4/7/2023 8:41:59 AM  
Reviewed By: JN4/7/23

### Chain of Custody

- 1. Is Chain of Custody complete? Yes  No  Not Present
- 2. How was the sample delivered? Courier

### Log In

- 3. Was an attempt made to cool the samples? Yes  No  NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 5. Sample(s) in proper container(s)? Yes  No
- 6. Sufficient sample volume for indicated test(s)? Yes  No
- 7. Are samples (except VOA and ONG) properly preserved? Yes  No
- 8. Was preservative added to bottles? Yes  No  NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
- 10. Were any sample containers received broken? Yes  No
- 11. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
- 12. Are matrices correctly identified on Chain of Custody? Yes  No
- 13. Is it clear what analyses were requested? Yes  No
- 14. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: \_\_\_\_\_  
(<2 or >12 unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: KPG 4.7.23

### Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
Regarding: \_\_\_\_\_  
Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.4	Good	Yes	Yogi		





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

May 08, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Stark BG Battery

OrderNo.: 2304A78

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 49 sample(s) on 4/26/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-1

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:01:00 PM

**Lab ID:** 2304A78-001

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1900	60		mg/Kg	20	5/1/2023 8:45:34 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	60	9.8		mg/Kg	1	4/28/2023 4:03:25 AM	74617
Motor Oil Range Organics (MRO)	98	49		mg/Kg	1	4/28/2023 4:03:25 AM	74617
Surr: DNOP	83.1	69-147		%Rec	1	4/28/2023 4:03:25 AM	74617
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 6:31:00 AM	74613
Surr: BFB	84.3	37.7-212		%Rec	1	5/2/2023 6:31:00 AM	74613
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 6:31:00 AM	74613
Toluene	ND	0.049		mg/Kg	1	5/2/2023 6:31:00 AM	74613
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 6:31:00 AM	74613
Xylenes, Total	ND	0.099		mg/Kg	1	5/2/2023 6:31:00 AM	74613
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	5/2/2023 6:31:00 AM	74613

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-2

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:03:00 PM

**Lab ID:** 2304A78-002

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	950	60		mg/Kg	20	5/1/2023 9:22:36 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	51	9.5		mg/Kg	1	4/28/2023 4:24:42 AM	74617
Motor Oil Range Organics (MRO)	62	47		mg/Kg	1	4/28/2023 4:24:42 AM	74617
Surr: DNOP	80.4	69-147		%Rec	1	4/28/2023 4:24:42 AM	74617
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2023 6:52:00 AM	74613
Surr: BFB	85.6	37.7-212		%Rec	1	5/2/2023 6:52:00 AM	74613
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 6:52:00 AM	74613
Toluene	ND	0.047		mg/Kg	1	5/2/2023 6:52:00 AM	74613
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2023 6:52:00 AM	74613
Xylenes, Total	ND	0.094		mg/Kg	1	5/2/2023 6:52:00 AM	74613
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	5/2/2023 6:52:00 AM	74613

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-3

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:04:00 PM

**Lab ID:** 2304A78-003

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1500	59		mg/Kg	20	5/1/2023 9:34:57 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	190	9.5		mg/Kg	1	4/28/2023 4:45:58 AM	74617
Motor Oil Range Organics (MRO)	220	48		mg/Kg	1	4/28/2023 4:45:58 AM	74617
Surr: DNOP	89.2	69-147		%Rec	1	4/28/2023 4:45:58 AM	74617
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 7:14:00 AM	74613
Surr: BFB	87.3	37.7-212		%Rec	1	5/2/2023 7:14:00 AM	74613
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 7:14:00 AM	74613
Toluene	ND	0.048		mg/Kg	1	5/2/2023 7:14:00 AM	74613
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 7:14:00 AM	74613
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2023 7:14:00 AM	74613
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	5/2/2023 7:14:00 AM	74613

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-4

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:06:00 PM

**Lab ID:** 2304A78-004

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	300	60		mg/Kg	20	5/1/2023 9:47:18 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	61	8.9		mg/Kg	1	4/28/2023 5:07:10 AM	74617
Motor Oil Range Organics (MRO)	94	45		mg/Kg	1	4/28/2023 5:07:10 AM	74617
Surr: DNOP	77.8	69-147		%Rec	1	4/28/2023 5:07:10 AM	74617
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2023 7:35:00 AM	74613
Surr: BFB	92.3	37.7-212		%Rec	1	5/2/2023 7:35:00 AM	74613
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 7:35:00 AM	74613
Toluene	ND	0.047		mg/Kg	1	5/2/2023 7:35:00 AM	74613
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2023 7:35:00 AM	74613
Xylenes, Total	ND	0.094		mg/Kg	1	5/2/2023 7:35:00 AM	74613
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	5/2/2023 7:35:00 AM	74613

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-5

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:07:00 PM

**Lab ID:** 2304A78-005

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1100	60		mg/Kg	20	5/1/2023 9:59:38 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	63	9.8		mg/Kg	1	5/1/2023 12:09:05 PM	74634
Motor Oil Range Organics (MRO)	160	49		mg/Kg	1	5/1/2023 12:09:05 PM	74634
Surr: DNOP	84.7	69-147		%Rec	1	5/1/2023 12:09:05 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 5:17:00 PM	74628
Surr: BFB	85.8	15-244		%Rec	1	5/2/2023 5:17:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 5:17:00 PM	74628
Toluene	ND	0.049		mg/Kg	1	5/2/2023 5:17:00 PM	74628
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 5:17:00 PM	74628
Xylenes, Total	ND	0.099		mg/Kg	1	5/2/2023 5:17:00 PM	74628
Surr: 4-Bromofluorobenzene	85.8	39.1-146		%Rec	1	5/2/2023 5:17:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-6

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:09:00 PM

**Lab ID:** 2304A78-006

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1200	59		mg/Kg	20	5/1/2023 10:11:59 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	110	10		mg/Kg	1	5/1/2023 12:30:27 PM	74634
Motor Oil Range Organics (MRO)	180	50		mg/Kg	1	5/1/2023 12:30:27 PM	74634
Surr: DNOP	80.0	69-147		%Rec	1	5/1/2023 12:30:27 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/2/2023 5:38:00 PM	74628
Surr: BFB	91.0	15-244		%Rec	1	5/2/2023 5:38:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 5:38:00 PM	74628
Toluene	ND	0.050		mg/Kg	1	5/2/2023 5:38:00 PM	74628
Ethylbenzene	ND	0.050		mg/Kg	1	5/2/2023 5:38:00 PM	74628
Xylenes, Total	ND	0.10		mg/Kg	1	5/2/2023 5:38:00 PM	74628
Surr: 4-Bromofluorobenzene	86.7	39.1-146		%Rec	1	5/2/2023 5:38:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-7

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:11:00 PM

**Lab ID:** 2304A78-007

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	690	60		mg/Kg	20	5/1/2023 10:24:20 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	48	8.8		mg/Kg	1	5/1/2023 1:26:32 PM	74634
Motor Oil Range Organics (MRO)	70	44		mg/Kg	1	5/1/2023 1:26:32 PM	74634
Surr: DNOP	71.9	69-147		%Rec	1	5/1/2023 1:26:32 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 6:00:00 PM	74628
Surr: BFB	90.4	15-244		%Rec	1	5/2/2023 6:00:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 6:00:00 PM	74628
Toluene	ND	0.049		mg/Kg	1	5/2/2023 6:00:00 PM	74628
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 6:00:00 PM	74628
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2023 6:00:00 PM	74628
Surr: 4-Bromofluorobenzene	84.8	39.1-146		%Rec	1	5/2/2023 6:00:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-8

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:12:00 PM

**Lab ID:** 2304A78-008

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1800	60		mg/Kg	20	5/1/2023 10:36:40 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	190	9.6		mg/Kg	1	5/1/2023 2:07:30 PM	74634
Motor Oil Range Organics (MRO)	310	48		mg/Kg	1	5/1/2023 2:07:30 PM	74634
Surr: DNOP	91.7	69-147		%Rec	1	5/1/2023 2:07:30 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 6:21:00 PM	74628
Surr: BFB	84.3	15-244		%Rec	1	5/2/2023 6:21:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 6:21:00 PM	74628
Toluene	ND	0.048		mg/Kg	1	5/2/2023 6:21:00 PM	74628
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 6:21:00 PM	74628
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2023 6:21:00 PM	74628
Surr: 4-Bromofluorobenzene	87.6	39.1-146		%Rec	1	5/2/2023 6:21:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-9

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:14:00 PM

**Lab ID:** 2304A78-009

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4200	150		mg/Kg	50	5/2/2023 10:09:00 AM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/28/2023 7:30:27 PM	74634
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/28/2023 7:30:27 PM	74634
Surr: DNOP	77.3	69-147		%Rec	1	4/28/2023 7:30:27 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 6:43:00 PM	74628
Surr: BFB	91.7	15-244		%Rec	1	5/2/2023 6:43:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 6:43:00 PM	74628
Toluene	ND	0.049		mg/Kg	1	5/2/2023 6:43:00 PM	74628
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 6:43:00 PM	74628
Xylenes, Total	ND	0.097		mg/Kg	1	5/2/2023 6:43:00 PM	74628
Surr: 4-Bromofluorobenzene	88.5	39.1-146		%Rec	1	5/2/2023 6:43:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2304A78

Date Reported: 5/8/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: EB-10

Project: Stark BG Battery

Collection Date: 4/24/2023 3:16:00 PM

Lab ID: 2304A78-010

Matrix: SOIL

Received Date: 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3500	150		mg/Kg	50	5/2/2023 10:21:21 AM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/28/2023 7:41:09 PM	74634
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/28/2023 7:41:09 PM	74634
Surr: DNOP	78.7	69-147		%Rec	1	4/28/2023 7:41:09 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/2/2023 7:04:00 PM	74628
Surr: BFB	86.2	15-244		%Rec	1	5/2/2023 7:04:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 7:04:00 PM	74628
Toluene	ND	0.050		mg/Kg	1	5/2/2023 7:04:00 PM	74628
Ethylbenzene	ND	0.050		mg/Kg	1	5/2/2023 7:04:00 PM	74628
Xylenes, Total	ND	0.099		mg/Kg	1	5/2/2023 7:04:00 PM	74628
Surr: 4-Bromofluorobenzene	89.0	39.1-146		%Rec	1	5/2/2023 7:04:00 PM	74628

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-11

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:18:00 PM

**Lab ID:** 2304A78-011

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2200	150		mg/Kg	50	5/2/2023 5:45:46 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	4/28/2023 7:51:50 PM	74634
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/28/2023 7:51:50 PM	74634
Surr: DNOP	79.9	69-147		%Rec	1	4/28/2023 7:51:50 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 7:26:00 PM	74628
Surr: BFB	87.4	15-244		%Rec	1	5/2/2023 7:26:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 7:26:00 PM	74628
Toluene	ND	0.049		mg/Kg	1	5/2/2023 7:26:00 PM	74628
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 7:26:00 PM	74628
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2023 7:26:00 PM	74628
Surr: 4-Bromofluorobenzene	88.6	39.1-146		%Rec	1	5/2/2023 7:26:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-12

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:21:00 PM

**Lab ID:** 2304A78-012

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	620	60		mg/Kg	20	5/1/2023 11:50:44 PM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/28/2023 8:02:29 PM	74634
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/28/2023 8:02:29 PM	74634
Surr: DNOP	74.9	69-147		%Rec	1	4/28/2023 8:02:29 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 7:47:00 PM	74628
Surr: BFB	85.4	15-244		%Rec	1	5/2/2023 7:47:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 7:47:00 PM	74628
Toluene	ND	0.048		mg/Kg	1	5/2/2023 7:47:00 PM	74628
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 7:47:00 PM	74628
Xylenes, Total	ND	0.096		mg/Kg	1	5/2/2023 7:47:00 PM	74628
Surr: 4-Bromofluorobenzene	87.5	39.1-146		%Rec	1	5/2/2023 7:47:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-13

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:23:00 PM

**Lab ID:** 2304A78-013

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2700	150		mg/Kg	50	5/2/2023 10:46:03 AM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	80	9.5		mg/Kg	1	5/2/2023 7:01:58 PM	74634
Motor Oil Range Organics (MRO)	84	47		mg/Kg	1	5/2/2023 7:01:58 PM	74634
Surr: DNOP	77.1	69-147		%Rec	1	5/2/2023 7:01:58 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2023 8:09:00 PM	74628
Surr: BFB	87.9	15-244		%Rec	1	5/2/2023 8:09:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 8:09:00 PM	74628
Toluene	ND	0.047		mg/Kg	1	5/2/2023 8:09:00 PM	74628
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2023 8:09:00 PM	74628
Xylenes, Total	ND	0.094		mg/Kg	1	5/2/2023 8:09:00 PM	74628
Surr: 4-Bromofluorobenzene	85.5	39.1-146		%Rec	1	5/2/2023 8:09:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-14

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:25:00 PM

**Lab ID:** 2304A78-014

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	5200	300		mg/Kg	100	5/2/2023 10:58:24 AM	74674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	1200	93		mg/Kg	10	5/1/2023 5:10:37 PM	74634
Motor Oil Range Organics (MRO)	730	460		mg/Kg	10	5/1/2023 5:10:37 PM	74634
Surr: DNOP	0	69-147	S	%Rec	10	5/1/2023 5:10:37 PM	74634
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 8:31:00 PM	74628
Surr: BFB	85.8	15-244		%Rec	1	5/2/2023 8:31:00 PM	74628
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 8:31:00 PM	74628
Toluene	ND	0.048		mg/Kg	1	5/2/2023 8:31:00 PM	74628
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 8:31:00 PM	74628
Xylenes, Total	ND	0.096		mg/Kg	1	5/2/2023 8:31:00 PM	74628
Surr: 4-Bromofluorobenzene	84.1	39.1-146		%Rec	1	5/2/2023 8:31:00 PM	74628

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-15

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:27:00 PM

**Lab ID:** 2304A78-015

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4400	150		mg/Kg	50	5/3/2023 10:30:35 AM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	70	8.6		mg/Kg	1	5/2/2023 3:22:00 AM	74658
Motor Oil Range Organics (MRO)	130	43		mg/Kg	1	5/2/2023 3:22:00 AM	74658
Surr: DNOP	80.3	69-147		%Rec	1	5/2/2023 3:22:00 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 1:34:30 PM	74644
Surr: BFB	67.2	37.7-212		%Rec	1	5/1/2023 1:34:30 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 1:34:30 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 1:34:30 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 1:34:30 PM	74644
Xylenes, Total	ND	0.098		mg/Kg	1	5/1/2023 1:34:30 PM	74644
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	5/1/2023 1:34:30 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-16

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:29:00 PM

**Lab ID:** 2304A78-016

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1500	60		mg/Kg	20	5/2/2023 12:37:09 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	21	9.5		mg/Kg	1	5/2/2023 4:03:26 AM	74658
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/2/2023 4:03:26 AM	74658
Surr: DNOP	82.7	69-147		%Rec	1	5/2/2023 4:03:26 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 1:57:56 PM	74644
Surr: BFB	71.8	37.7-212		%Rec	1	5/1/2023 1:57:56 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 1:57:56 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 1:57:56 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 1:57:56 PM	74644
Xylenes, Total	ND	0.099		mg/Kg	1	5/1/2023 1:57:56 PM	74644
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	5/1/2023 1:57:56 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-17

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:30:00 PM

**Lab ID:** 2304A78-017

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	7400	300		mg/Kg	100	5/3/2023 12:59:29 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/2/2023 12:38:49 AM	74658
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2023 12:38:49 AM	74658
Surr: DNOP	83.5	69-147		%Rec	1	5/2/2023 12:38:49 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/1/2023 2:21:22 PM	74644
Surr: BFB	76.9	37.7-212		%Rec	1	5/1/2023 2:21:22 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 2:21:22 PM	74644
Toluene	ND	0.050		mg/Kg	1	5/1/2023 2:21:22 PM	74644
Ethylbenzene	ND	0.050		mg/Kg	1	5/1/2023 2:21:22 PM	74644
Xylenes, Total	ND	0.10		mg/Kg	1	5/1/2023 2:21:22 PM	74644
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	5/1/2023 2:21:22 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-18

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:32:00 PM

**Lab ID:** 2304A78-018

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3700	150		mg/Kg	50	5/3/2023 10:43:00 AM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/2/2023 12:49:44 AM	74658
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2023 12:49:44 AM	74658
Surr: DNOP	80.4	69-147		%Rec	1	5/2/2023 12:49:44 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 2:44:52 PM	74644
Surr: BFB	82.6	37.7-212		%Rec	1	5/1/2023 2:44:52 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 2:44:52 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 2:44:52 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 2:44:52 PM	74644
Xylenes, Total	ND	0.099		mg/Kg	1	5/1/2023 2:44:52 PM	74644
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	5/1/2023 2:44:52 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-19

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:33:00 PM

**Lab ID:** 2304A78-019

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	8700	300		mg/Kg	100	5/3/2023 1:11:53 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/2/2023 1:00:38 AM	74658
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2023 1:00:38 AM	74658
Surr: DNOP	79.5	69-147		%Rec	1	5/2/2023 1:00:38 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 3:08:30 PM	74644
Surr: BFB	80.1	37.7-212		%Rec	1	5/1/2023 3:08:30 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 3:08:30 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 3:08:30 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 3:08:30 PM	74644
Xylenes, Total	ND	0.098		mg/Kg	1	5/1/2023 3:08:30 PM	74644
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	5/1/2023 3:08:30 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-20

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:35:00 PM

**Lab ID:** 2304A78-020

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	8000	300		mg/Kg	100	5/3/2023 1:24:17 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/2/2023 1:11:31 AM	74658
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2023 1:11:31 AM	74658
Surr: DNOP	81.9	69-147		%Rec	1	5/2/2023 1:11:31 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 3:32:02 PM	74644
Surr: BFB	78.0	37.7-212		%Rec	1	5/1/2023 3:32:02 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 3:32:02 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 3:32:02 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 3:32:02 PM	74644
Xylenes, Total	ND	0.099		mg/Kg	1	5/1/2023 3:32:02 PM	74644
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	5/1/2023 3:32:02 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-21

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:37:00 PM

**Lab ID:** 2304A78-021

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3500	150		mg/Kg	50	5/3/2023 10:55:24 AM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	47	9.9		mg/Kg	1	5/2/2023 4:44:33 AM	74658
Motor Oil Range Organics (MRO)	56	50		mg/Kg	1	5/2/2023 4:44:33 AM	74658
Surr: DNOP	84.5	69-147		%Rec	1	5/2/2023 4:44:33 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/1/2023 3:55:42 PM	74644
Surr: BFB	72.6	37.7-212		%Rec	1	5/1/2023 3:55:42 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 3:55:42 PM	74644
Toluene	ND	0.048		mg/Kg	1	5/1/2023 3:55:42 PM	74644
Ethylbenzene	ND	0.048		mg/Kg	1	5/1/2023 3:55:42 PM	74644
Xylenes, Total	ND	0.097		mg/Kg	1	5/1/2023 3:55:42 PM	74644
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	5/1/2023 3:55:42 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-23

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:39:00 PM

**Lab ID:** 2304A78-022

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3400	150		mg/Kg	50	5/3/2023 11:07:48 AM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	380	9.5		mg/Kg	1	5/2/2023 5:25:36 AM	74658
Motor Oil Range Organics (MRO)	600	47		mg/Kg	1	5/2/2023 5:25:36 AM	74658
Surr: DNOP	99.0	69-147		%Rec	1	5/2/2023 5:25:36 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/1/2023 4:19:20 PM	74644
Surr: BFB	74.9	37.7-212		%Rec	1	5/1/2023 4:19:20 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 4:19:20 PM	74644
Toluene	ND	0.048		mg/Kg	1	5/1/2023 4:19:20 PM	74644
Ethylbenzene	ND	0.048		mg/Kg	1	5/1/2023 4:19:20 PM	74644
Xylenes, Total	ND	0.095		mg/Kg	1	5/1/2023 4:19:20 PM	74644
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	5/1/2023 4:19:20 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-24

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:41:00 PM

**Lab ID:** 2304A78-023

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	5200	300		mg/Kg	100	5/3/2023 1:36:42 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/2/2023 1:22:26 AM	74658
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/2/2023 1:22:26 AM	74658
Surr: DNOP	85.9	69-147		%Rec	1	5/2/2023 1:22:26 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/1/2023 5:06:43 PM	74644
Surr: BFB	79.5	37.7-212		%Rec	1	5/1/2023 5:06:43 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 5:06:43 PM	74644
Toluene	ND	0.048		mg/Kg	1	5/1/2023 5:06:43 PM	74644
Ethylbenzene	ND	0.048		mg/Kg	1	5/1/2023 5:06:43 PM	74644
Xylenes, Total	ND	0.097		mg/Kg	1	5/1/2023 5:06:43 PM	74644
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	5/1/2023 5:06:43 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-25

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:42:00 PM

**Lab ID:** 2304A78-024

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	6800	300		mg/Kg	100	5/3/2023 1:49:07 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/2/2023 1:33:20 AM	74658
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2023 1:33:20 AM	74658
Surr: DNOP	93.9	69-147		%Rec	1	5/2/2023 1:33:20 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 5:30:21 PM	74644
Surr: BFB	76.3	37.7-212		%Rec	1	5/1/2023 5:30:21 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 5:30:21 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 5:30:21 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 5:30:21 PM	74644
Xylenes, Total	ND	0.099		mg/Kg	1	5/1/2023 5:30:21 PM	74644
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	5/1/2023 5:30:21 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-26

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:44:00 PM

**Lab ID:** 2304A78-025

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1300	60		mg/Kg	20	5/2/2023 2:52:55 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/2/2023 1:44:13 AM	74658
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/2/2023 1:44:13 AM	74658
Surr: DNOP	80.0	69-147		%Rec	1	5/2/2023 1:44:13 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/1/2023 5:53:58 PM	74644
Surr: BFB	80.1	37.7-212		%Rec	1	5/1/2023 5:53:58 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 5:53:58 PM	74644
Toluene	ND	0.048		mg/Kg	1	5/1/2023 5:53:58 PM	74644
Ethylbenzene	ND	0.048		mg/Kg	1	5/1/2023 5:53:58 PM	74644
Xylenes, Total	ND	0.096		mg/Kg	1	5/1/2023 5:53:58 PM	74644
Surr: 4-Bromofluorobenzene	90.9	70-130		%Rec	1	5/1/2023 5:53:58 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-27

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:46:00 PM

**Lab ID:** 2304A78-026

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2800	150		mg/Kg	50	5/3/2023 11:20:13 AM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/2/2023 1:55:04 AM	74658
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/2/2023 1:55:04 AM	74658
Surr: DNOP	89.2	69-147		%Rec	1	5/2/2023 1:55:04 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/1/2023 6:17:32 PM	74644
Surr: BFB	76.5	37.7-212		%Rec	1	5/1/2023 6:17:32 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 6:17:32 PM	74644
Toluene	ND	0.048		mg/Kg	1	5/1/2023 6:17:32 PM	74644
Ethylbenzene	ND	0.048		mg/Kg	1	5/1/2023 6:17:32 PM	74644
Xylenes, Total	ND	0.095		mg/Kg	1	5/1/2023 6:17:32 PM	74644
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	5/1/2023 6:17:32 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-28

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:49:00 PM

**Lab ID:** 2304A78-027

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	5300	300		mg/Kg	100	5/3/2023 2:01:31 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/2/2023 2:05:54 AM	74658
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/2/2023 2:05:54 AM	74658
Surr: DNOP	83.1	69-147		%Rec	1	5/2/2023 2:05:54 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 6:41:05 PM	74644
Surr: BFB	81.1	37.7-212		%Rec	1	5/1/2023 6:41:05 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 6:41:05 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 6:41:05 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 6:41:05 PM	74644
Xylenes, Total	ND	0.098		mg/Kg	1	5/1/2023 6:41:05 PM	74644
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	5/1/2023 6:41:05 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-29

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:52:00 PM

**Lab ID:** 2304A78-028

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4000	150		mg/Kg	50	5/3/2023 11:32:37 AM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/2/2023 2:16:45 AM	74658
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2023 2:16:45 AM	74658
Surr: DNOP	89.8	69-147		%Rec	1	5/2/2023 2:16:45 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/1/2023 7:04:38 PM	74644
Surr: BFB	81.5	37.7-212		%Rec	1	5/1/2023 7:04:38 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 7:04:38 PM	74644
Toluene	ND	0.050		mg/Kg	1	5/1/2023 7:04:38 PM	74644
Ethylbenzene	ND	0.050		mg/Kg	1	5/1/2023 7:04:38 PM	74644
Xylenes, Total	ND	0.099		mg/Kg	1	5/1/2023 7:04:38 PM	74644
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	5/1/2023 7:04:38 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-30

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:55:00 PM

**Lab ID:** 2304A78-029

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1300	59		mg/Kg	20	5/2/2023 3:42:19 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	12	8.8		mg/Kg	1	5/2/2023 2:27:36 AM	74658
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/2/2023 2:27:36 AM	74658
Surr: DNOP	83.9	69-147		%Rec	1	5/2/2023 2:27:36 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 7:28:08 PM	74644
Surr: BFB	83.0	37.7-212		%Rec	1	5/1/2023 7:28:08 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/1/2023 7:28:08 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 7:28:08 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 7:28:08 PM	74644
Xylenes, Total	ND	0.099		mg/Kg	1	5/1/2023 7:28:08 PM	74644
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	5/1/2023 7:28:08 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 3:59:00 PM

**Lab ID:** 2304A78-030

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1900	61		mg/Kg	20	5/2/2023 4:19:21 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	2500	93		mg/Kg	10	5/2/2023 10:04:29 AM	74658
Motor Oil Range Organics (MRO)	1100	470		mg/Kg	10	5/2/2023 10:04:29 AM	74658
Surr: DNOP	0	69-147	S	%Rec	10	5/2/2023 10:04:29 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 11:55:18 AM	74644
Surr: BFB	97.7	37.7-212		%Rec	1	5/2/2023 11:55:18 AM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 11:55:18 AM	74644
Toluene	ND	0.048		mg/Kg	1	5/2/2023 11:55:18 AM	74644
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 11:55:18 AM	74644
Xylenes, Total	ND	0.097		mg/Kg	1	5/2/2023 11:55:18 AM	74644
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	5/2/2023 11:55:18 AM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-32

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:01:00 PM

**Lab ID:** 2304A78-031

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1100	60		mg/Kg	20	5/2/2023 4:31:42 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/2/2023 2:38:29 AM	74658
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2023 2:38:29 AM	74658
Surr: DNOP	76.1	69-147		%Rec	1	5/2/2023 2:38:29 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/1/2023 8:15:05 PM	74644
Surr: BFB	67.5	37.7-212		%Rec	1	5/1/2023 8:15:05 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 8:15:05 PM	74644
Toluene	ND	0.048		mg/Kg	1	5/1/2023 8:15:05 PM	74644
Ethylbenzene	ND	0.048		mg/Kg	1	5/1/2023 8:15:05 PM	74644
Xylenes, Total	ND	0.095		mg/Kg	1	5/1/2023 8:15:05 PM	74644
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	5/1/2023 8:15:05 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-33

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:03:00 PM

**Lab ID:** 2304A78-032

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1600	60		mg/Kg	20	5/2/2023 5:08:44 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/2/2023 2:49:23 AM	74658
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/2/2023 2:49:23 AM	74658
Surr: DNOP	75.3	69-147		%Rec	1	5/2/2023 2:49:23 AM	74658
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/1/2023 8:38:35 PM	74644
Surr: BFB	68.8	37.7-212		%Rec	1	5/1/2023 8:38:35 PM	74644
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/1/2023 8:38:35 PM	74644
Toluene	ND	0.049		mg/Kg	1	5/1/2023 8:38:35 PM	74644
Ethylbenzene	ND	0.049		mg/Kg	1	5/1/2023 8:38:35 PM	74644
Xylenes, Total	ND	0.097		mg/Kg	1	5/1/2023 8:38:35 PM	74644
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	5/1/2023 8:38:35 PM	74644

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2304A78

Date Reported: 5/8/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: EB-34

Project: Stark BG Battery

Collection Date: 4/24/2023 4:06:00 PM

Lab ID: 2304A78-033

Matrix: SOIL

Received Date: 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	910	60		mg/Kg	20	5/2/2023 5:21:04 PM	74697
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/2/2023 12:20:38 PM	74683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2023 12:20:38 PM	74683
Surr: DNOP	51.0	69-147	S	%Rec	1	5/2/2023 12:20:38 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 1:05:24 PM	74675
Surr: BFB	63.8	37.7-212		%Rec	1	5/2/2023 1:05:24 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 1:05:24 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 1:05:24 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 1:05:24 PM	74675
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2023 1:05:24 PM	74675
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	5/2/2023 1:05:24 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-35

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:08:00 PM

**Lab ID:** 2304A78-034

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	460	60		mg/Kg	20	5/3/2023 3:17:01 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	5/2/2023 7:49:38 PM	74683
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/2/2023 7:49:38 PM	74683
Surr: DNOP	48.2	69-147	S	%Rec	1	5/2/2023 7:49:38 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2023 1:28:46 PM	74675
Surr: BFB	68.3	15-244		%Rec	1	5/2/2023 1:28:46 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 1:28:46 PM	74675
Toluene	ND	0.047		mg/Kg	1	5/2/2023 1:28:46 PM	74675
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2023 1:28:46 PM	74675
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2023 1:28:46 PM	74675
Surr: 4-Bromofluorobenzene	89.0	39.1-146		%Rec	1	5/2/2023 1:28:46 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2304A78

Date Reported: 5/8/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: EB-36

Project: Stark BG Battery

Collection Date: 4/24/2023 4:09:00 PM

Lab ID: 2304A78-035

Matrix: SOIL

Received Date: 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3500	150		mg/Kg	50	5/3/2023 11:45:02 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/2/2023 8:13:28 PM	74683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2023 8:13:28 PM	74683
Surr: DNOP	54.4	69-147	S	%Rec	1	5/2/2023 8:13:28 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 1:52:14 PM	74675
Surr: BFB	61.4	15-244		%Rec	1	5/2/2023 1:52:14 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 1:52:14 PM	74675
Toluene	ND	0.048		mg/Kg	1	5/2/2023 1:52:14 PM	74675
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 1:52:14 PM	74675
Xylenes, Total	ND	0.096		mg/Kg	1	5/2/2023 1:52:14 PM	74675
Surr: 4-Bromofluorobenzene	87.2	39.1-146		%Rec	1	5/2/2023 1:52:14 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-37

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:11:00 PM

**Lab ID:** 2304A78-036

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4200	150		mg/Kg	50	5/3/2023 11:57:27 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/2/2023 8:37:17 PM	74683
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/2/2023 8:37:17 PM	74683
Surr: DNOP	64.4	69-147	S	%Rec	1	5/2/2023 8:37:17 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 2:15:45 PM	74675
Surr: BFB	70.8	15-244		%Rec	1	5/2/2023 2:15:45 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 2:15:45 PM	74675
Toluene	ND	0.048		mg/Kg	1	5/2/2023 2:15:45 PM	74675
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 2:15:45 PM	74675
Xylenes, Total	ND	0.096		mg/Kg	1	5/2/2023 2:15:45 PM	74675
Surr: 4-Bromofluorobenzene	89.1	39.1-146		%Rec	1	5/2/2023 2:15:45 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-38

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:13:00 PM

**Lab ID:** 2304A78-037

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	2000	60		mg/Kg	20	5/3/2023 3:54:16 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/2/2023 9:01:06 PM	74683
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2023 9:01:06 PM	74683
Surr: DNOP	64.8	69-147	S	%Rec	1	5/2/2023 9:01:06 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 2:39:18 PM	74675
Surr: BFB	69.8	15-244		%Rec	1	5/2/2023 2:39:18 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 2:39:18 PM	74675
Toluene	ND	0.048		mg/Kg	1	5/2/2023 2:39:18 PM	74675
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 2:39:18 PM	74675
Xylenes, Total	ND	0.097		mg/Kg	1	5/2/2023 2:39:18 PM	74675
Surr: 4-Bromofluorobenzene	89.3	39.1-146		%Rec	1	5/2/2023 2:39:18 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-39

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:15:00 PM

**Lab ID:** 2304A78-038

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1500	60		mg/Kg	20	5/3/2023 4:31:29 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/2/2023 9:24:52 PM	74683
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2023 9:24:52 PM	74683
Surr: DNOP	49.3	69-147	S	%Rec	1	5/2/2023 9:24:52 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 3:02:46 PM	74675
Surr: BFB	63.3	15-244		%Rec	1	5/2/2023 3:02:46 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 3:02:46 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 3:02:46 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 3:02:46 PM	74675
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2023 3:02:46 PM	74675
Surr: 4-Bromofluorobenzene	86.7	39.1-146		%Rec	1	5/2/2023 3:02:46 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-40

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:17:00 PM

**Lab ID:** 2304A78-039

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4500	150		mg/Kg	50	5/3/2023 12:09:51 PM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	5/2/2023 10:12:22 PM	74683
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/2/2023 10:12:22 PM	74683
Surr: DNOP	64.1	69-147	S	%Rec	1	5/2/2023 10:12:22 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2023 3:26:14 PM	74675
Surr: BFB	71.4	15-244		%Rec	1	5/2/2023 3:26:14 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 3:26:14 PM	74675
Toluene	ND	0.047		mg/Kg	1	5/2/2023 3:26:14 PM	74675
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2023 3:26:14 PM	74675
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2023 3:26:14 PM	74675
Surr: 4-Bromofluorobenzene	89.1	39.1-146		%Rec	1	5/2/2023 3:26:14 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-41

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:20:00 PM

**Lab ID:** 2304A78-040

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1800	60		mg/Kg	20	5/3/2023 5:21:06 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/2/2023 10:36:07 PM	74683
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2023 10:36:07 PM	74683
Surr: DNOP	59.0	69-147	S	%Rec	1	5/2/2023 10:36:07 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 3:49:38 PM	74675
Surr: BFB	76.1	15-244		%Rec	1	5/2/2023 3:49:38 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 3:49:38 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 3:49:38 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 3:49:38 PM	74675
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2023 3:49:38 PM	74675
Surr: 4-Bromofluorobenzene	90.6	39.1-146		%Rec	1	5/2/2023 3:49:38 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-42

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:22:00 PM

**Lab ID:** 2304A78-041

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1400	60		mg/Kg	20	5/3/2023 5:33:31 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	5/2/2023 10:59:50 PM	74683
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/2/2023 10:59:50 PM	74683
Surr: DNOP	63.9	69-147	S	%Rec	1	5/2/2023 10:59:50 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 4:13:03 PM	74675
Surr: BFB	72.5	15-244		%Rec	1	5/2/2023 4:13:03 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 4:13:03 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 4:13:03 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 4:13:03 PM	74675
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2023 4:13:03 PM	74675
Surr: 4-Bromofluorobenzene	88.7	39.1-146		%Rec	1	5/2/2023 4:13:03 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-43

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:24:00 PM

**Lab ID:** 2304A78-042

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	2200	60		mg/Kg	20	5/3/2023 5:45:56 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/2/2023 11:23:34 PM	74683
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2023 11:23:34 PM	74683
Surr: DNOP	94.3	69-147		%Rec	1	5/2/2023 11:23:34 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 5:23:16 PM	74675
Surr: BFB	74.5	15-244		%Rec	1	5/2/2023 5:23:16 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 5:23:16 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 5:23:16 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 5:23:16 PM	74675
Xylenes, Total	ND	0.097		mg/Kg	1	5/2/2023 5:23:16 PM	74675
Surr: 4-Bromofluorobenzene	90.3	39.1-146		%Rec	1	5/2/2023 5:23:16 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-44

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:27:00 PM

**Lab ID:** 2304A78-043

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1300	60		mg/Kg	20	5/3/2023 5:58:21 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/2/2023 11:47:15 PM	74683
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2023 11:47:15 PM	74683
Surr: DNOP	72.8	69-147		%Rec	1	5/2/2023 11:47:15 PM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 5:46:40 PM	74675
Surr: BFB	54.2	15-244		%Rec	1	5/2/2023 5:46:40 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 5:46:40 PM	74675
Toluene	ND	0.048		mg/Kg	1	5/2/2023 5:46:40 PM	74675
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 5:46:40 PM	74675
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2023 5:46:40 PM	74675
Surr: 4-Bromofluorobenzene	85.7	39.1-146		%Rec	1	5/2/2023 5:46:40 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-45

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:29:00 PM

**Lab ID:** 2304A78-044

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	5300	300		mg/Kg	100	5/3/2023 2:13:56 PM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/3/2023 12:10:58 AM	74683
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/3/2023 12:10:58 AM	74683
Surr: DNOP	51.0	69-147	S	%Rec	1	5/3/2023 12:10:58 AM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2023 6:10:04 PM	74675
Surr: BFB	62.5	15-244		%Rec	1	5/2/2023 6:10:04 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 6:10:04 PM	74675
Toluene	ND	0.047		mg/Kg	1	5/2/2023 6:10:04 PM	74675
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2023 6:10:04 PM	74675
Xylenes, Total	ND	0.095		mg/Kg	1	5/2/2023 6:10:04 PM	74675
Surr: 4-Bromofluorobenzene	87.2	39.1-146		%Rec	1	5/2/2023 6:10:04 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-46

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:31:00 PM

**Lab ID:** 2304A78-045

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	510	60		mg/Kg	20	5/3/2023 6:23:11 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	5/3/2023 12:34:39 AM	74683
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/3/2023 12:34:39 AM	74683
Surr: DNOP	79.4	69-147		%Rec	1	5/3/2023 12:34:39 AM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 6:33:29 PM	74675
Surr: BFB	63.8	15-244		%Rec	1	5/2/2023 6:33:29 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 6:33:29 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 6:33:29 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 6:33:29 PM	74675
Xylenes, Total	ND	0.099		mg/Kg	1	5/2/2023 6:33:29 PM	74675
Surr: 4-Bromofluorobenzene	87.7	39.1-146		%Rec	1	5/2/2023 6:33:29 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-47

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:33:00 PM

**Lab ID:** 2304A78-046

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	2100	60		mg/Kg	20	5/3/2023 6:35:36 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/3/2023 12:58:27 AM	74683
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2023 12:58:27 AM	74683
Surr: DNOP	65.9	69-147	S	%Rec	1	5/3/2023 12:58:27 AM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 6:56:57 PM	74675
Surr: BFB	55.1	15-244		%Rec	1	5/2/2023 6:56:57 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 6:56:57 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 6:56:57 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 6:56:57 PM	74675
Xylenes, Total	ND	0.097		mg/Kg	1	5/2/2023 6:56:57 PM	74675
Surr: 4-Bromofluorobenzene	85.2	39.1-146		%Rec	1	5/2/2023 6:56:57 PM	74675

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-48

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:35:00 PM

**Lab ID:** 2304A78-047

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	350	60		mg/Kg	20	5/3/2023 6:48:00 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/3/2023 1:22:11 AM	74683
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2023 1:22:11 AM	74683
Surr: DNOP	66.9	69-147	S	%Rec	1	5/3/2023 1:22:11 AM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2023 7:20:19 PM	74675
Surr: BFB	64.1	15-244		%Rec	1	5/2/2023 7:20:19 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.023		mg/Kg	1	5/2/2023 7:20:19 PM	74675
Toluene	ND	0.047		mg/Kg	1	5/2/2023 7:20:19 PM	74675
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2023 7:20:19 PM	74675
Xylenes, Total	ND	0.094		mg/Kg	1	5/2/2023 7:20:19 PM	74675
Surr: 4-Bromofluorobenzene	87.6	39.1-146		%Rec	1	5/2/2023 7:20:19 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-49

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:38:00 PM

**Lab ID:** 2304A78-048

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	720	60		mg/Kg	20	5/3/2023 7:00:25 AM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/3/2023 1:45:53 AM	74683
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/3/2023 1:45:53 AM	74683
Surr: DNOP	64.4	69-147	S	%Rec	1	5/3/2023 1:45:53 AM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2023 7:43:42 PM	74675
Surr: BFB	76.2	15-244		%Rec	1	5/2/2023 7:43:42 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	5/2/2023 7:43:42 PM	74675
Toluene	ND	0.049		mg/Kg	1	5/2/2023 7:43:42 PM	74675
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2023 7:43:42 PM	74675
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2023 7:43:42 PM	74675
Surr: 4-Bromofluorobenzene	91.0	39.1-146		%Rec	1	5/2/2023 7:43:42 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2304A78**

Date Reported: **5/8/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-50

**Project:** Stark BG Battery

**Collection Date:** 4/24/2023 4:40:00 PM

**Lab ID:** 2304A78-049

**Matrix:** SOIL

**Received Date:** 4/26/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	5600	150		mg/Kg	50	5/3/2023 12:22:16 PM	74706
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/3/2023 2:09:38 AM	74683
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2023 2:09:38 AM	74683
Surr: DNOP	84.1	69-147		%Rec	1	5/3/2023 2:09:38 AM	74683
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2023 8:07:02 PM	74675
Surr: BFB	69.3	15-244		%Rec	1	5/2/2023 8:07:02 PM	74675
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	5/2/2023 8:07:02 PM	74675
Toluene	ND	0.048		mg/Kg	1	5/2/2023 8:07:02 PM	74675
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2023 8:07:02 PM	74675
Xylenes, Total	ND	0.096		mg/Kg	1	5/2/2023 8:07:02 PM	74675
Surr: 4-Bromofluorobenzene	89.5	39.1-146		%Rec	1	5/2/2023 8:07:02 PM	74675

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-74674</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74674</b>	RunNo: <b>96419</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3494434</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-74674</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74674</b>	RunNo: <b>96419</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3494435</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	16	1.5	15.00	0	109	90	110			

Sample ID: <b>MB-74706</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74706</b>	RunNo: <b>96479</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/3/2023</b>	SeqNo: <b>3495826</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-74706</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74706</b>	RunNo: <b>96479</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/3/2023</b>	SeqNo: <b>3495827</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	101	90	110			

Sample ID: <b>MB-74697</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74697</b>	RunNo: <b>96480</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3495973</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-74697</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74697</b>	RunNo: <b>96480</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3495974</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-74617</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74617</b>	RunNo: <b>96349</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>4/28/2023</b>	SeqNo: <b>3490871</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.1	61.9	130			
Surr: DNOP	5.1		5.000		103	69	147			

Sample ID: <b>MB-74617</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74617</b>	RunNo: <b>96381</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>4/28/2023</b>	SeqNo: <b>3491272</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.2		10.00		71.6	69	147			

Sample ID: <b>LCS-74634</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74634</b>	RunNo: <b>96417</b>								
Prep Date: <b>4/28/2023</b>	Analysis Date: <b>4/28/2023</b>	SeqNo: <b>3492732</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	81.0	61.9	130			
Surr: DNOP	4.3		5.000		85.8	69	147			

Sample ID: <b>MB-74634</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74634</b>	RunNo: <b>96417</b>								
Prep Date: <b>4/28/2023</b>	Analysis Date: <b>4/28/2023</b>	SeqNo: <b>3492735</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		84.7	69	147			

Sample ID: <b>LCS-74658</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74658</b>	RunNo: <b>96420</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3492767</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	79.7	61.9	130			
Surr: DNOP	4.0		5.000		79.1	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>MB-74658</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74658</b>	RunNo: <b>96420</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3492768</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.4		10.00		83.9	69	147			

Sample ID: <b>LCS-74683</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74683</b>	RunNo: <b>96460</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3494832</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	89.0	61.9	130			
Surr: DNOP	4.9		5.000		98.0	69	147			

Sample ID: <b>MB-74683</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74683</b>	RunNo: <b>96460</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3494836</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		90.3	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-74644</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74644</b>	RunNo: <b>96418</b>								
Prep Date: <b>4/28/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3493108</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.7	70	130			
Surr: BFB	4700		1000		475	37.7	212			S

Sample ID: <b>mb-74644</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74644</b>	RunNo: <b>96418</b>								
Prep Date: <b>4/28/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3493109</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	760		1000		75.8	37.7	212			

Sample ID: <b>ics-74675</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74675</b>	RunNo: <b>96456</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3494472</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.8	70	130			
Surr: BFB	4600		1000		462	37.7	212			S

Sample ID: <b>mb-74675</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74675</b>	RunNo: <b>96456</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3494473</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	660		1000		65.8	37.7	212			

Sample ID: <b>mb-74613</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74613</b>	RunNo: <b>96448</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3494775</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		85.7	37.7	212			

Sample ID: <b>ics-74613</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74613</b>	RunNo: <b>96448</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3494776</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>ics-74613</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74613</b>	RunNo: <b>96448</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3494776</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	82.0	70	130			
Surr: BFB	1900		1000		188	37.7	212			

Sample ID: <b>ics-74628</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74628</b>	RunNo: <b>96481</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3496225</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.0	70	130			
Surr: BFB	1900		1000		187	15	244			

Sample ID: <b>mb-74628</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74628</b>	RunNo: <b>96481</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3496226</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		88.8	15	244			

Sample ID: <b>ics-74716</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74716</b>	RunNo: <b>96491</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/3/2023</b>	SeqNo: <b>3497531</b>			Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	4700		1000		474	15	244			S

Sample ID: <b>mb-74716</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74716</b>	RunNo: <b>96491</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/3/2023</b>	SeqNo: <b>3497532</b>			Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	740		1000		74.0	15	244			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-74644</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74644</b>	RunNo: <b>96418</b>								
Prep Date: <b>4/28/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3493111</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.4	80	120			
Toluene	0.88	0.050	1.000	0	88.1	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.8	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.1	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.4	70	130			

Sample ID: <b>mb-74644</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74644</b>	RunNo: <b>96418</b>								
Prep Date: <b>4/28/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3493112</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	70	130			

Sample ID: <b>LCS-74675</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74675</b>	RunNo: <b>96456</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3494476</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.3	80	120			
Toluene	0.88	0.050	1.000	0	88.2	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.8	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.4	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.0	70	130			

Sample ID: <b>mb-74675</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74675</b>	RunNo: <b>96456</b>								
Prep Date: <b>5/1/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3494477</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		88.2	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>mb-74613</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74613</b>	RunNo: <b>96448</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3494774</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.9	70	130			

Sample ID: <b>ics-74613</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74613</b>	RunNo: <b>96448</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/1/2023</b>	SeqNo: <b>3494814</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.0	80	120			
Toluene	0.87	0.050	1.000	0	87.1	80	120			
Ethylbenzene	0.84	0.050	1.000	0	84.4	80	120			
Xylenes, Total	2.5	0.10	3.000	0	83.6	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.3	70	130			

Sample ID: <b>ics-74628</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74628</b>	RunNo: <b>96481</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3496273</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.4	70	130			
Toluene	0.91	0.050	1.000	0	90.6	70	130			
Ethylbenzene	0.89	0.050	1.000	0	88.6	70	130			
Xylenes, Total	2.6	0.10	3.000	0	87.4	70	130			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.3	39.1	146			

Sample ID: <b>mb-74628</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74628</b>	RunNo: <b>96481</b>								
Prep Date: <b>4/27/2023</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>3496274</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.7	39.1	146			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2304A78

08-May-23

**Client:** EOG  
**Project:** Stark BG Battery

Sample ID: <b>LCS-74716</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>74716</b>	RunNo: <b>96491</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/3/2023</b>	SeqNo: <b>3497569</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		93.1	39.1	146			

Sample ID: <b>mb-74716</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>74716</b>	RunNo: <b>96491</b>								
Prep Date: <b>5/2/2023</b>	Analysis Date: <b>5/3/2023</b>	SeqNo: <b>3497570</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.90		1.000		89.6	39.1	146			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2304A78 RcptNo: 1

Received By: Tracy Casarrubias 4/26/2023 7:30:00 AM

Completed By: Tracy Casarrubias 4/26/2023 8:03:01 AM

Reviewed By: KPA 4-26-23

Chain of Custody

1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]

4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]

5. Sample(s) in proper container(s)? Yes [checked] No [ ]

6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]

7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]

8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]

10. Were any sample containers received broken? Yes [ ] No [checked]

11. Does paperwork match bottle labels? Yes [checked] No [ ]

(Note discrepancies on chain of custody)

12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]

13. Is it clear what analyses were requested? Yes [checked] No [ ]

14. Were all holding times able to be met? Yes [checked] No [ ]

(If no, notify customer for authorization.)

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: Jm4/28/23

Special Handling (if applicable)

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

Person Notified: Date: By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person Regarding: Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 3.7, Good, Yes, Yogi, [ ], [ ]

### Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.  
 Project Name: Stark BG Battery  
 Project #: 5375  
 Project Manager: W. Kierdorf  
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210  
 Ranger: PO Box 201179, Austin TX 78720  
 Phone #: 521-335-1785  
 email or Fax#: Will@RangerEnv.com

QA/QC Package:  Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type) Excel  
 Sampler: W. Kierdorf & R. Woodburn  
 On Ice:  Yes  No *Yogi*  
 # of Coolers: 1  
 Cooler Temp (including CF): 3.8-0.1 = 3.7

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
4/24/23	1501	Soil	EB-1	1 x 40z jar	Ice	001
	1503	Soil	EB-2	1 x 40z jar	Ice	002
	1504	Soil	EB-3	1 x 40z jar	Ice	003
	1506	Soil	EB-4	1 x 40z jar	Ice	004
	1507	Soil	EB-5	1 x 40z jar	Ice	005
	1509	Soil	EB-6	1 x 40z jar	Ice	006
	1511	Soil	EB-7	1 x 40z jar	Ice	007
	1512	Soil	EB-8	1 x 40z jar	Ice	008
	1514	Soil	EB-9	1 x 40z jar	Ice	009
	1516	Soil	EB-10	1 x 40z jar	Ice	010
	1518	Soil	EB-11	1 x 40z jar	Ice	011
	1521	Soil	EB-12	1 x 40z jar	Ice	012

Date: 4/25/23 0817  
 Date: 4/25/23 1900  
 Relinquished by: *[Signature]*  
 Relinquished by: *[Signature]*  
 Received by: *[Signature]* Date: 4/25/23 2117  
 Received by: *[Signature]* Date: 4/26/23 7:30



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

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

Analysis Request											
BTX (8021)	X										
TFH:8015D(GRO / DRO / MRO)	X	X	X	X	X	X	X	X	X	X	X
Chloride (EPA 300)	X	X	X	X	X	X	X	X	X	X	X

Remarks: Bill to EOG Artesia











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

June 05, 2023

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

RE: Stark BG Batt

OrderNo.: 2305C86

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 13 sample(s) on 5/25/2023 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-14/B1A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 10:20:00 AM

**Lab ID:** 2305C86-001

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	880	60		mg/Kg	20	5/31/2023 9:32:01 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	28	9.9		mg/Kg	1	5/27/2023 3:46:30 AM	75212
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2023 3:46:30 AM	75212
Surr: DNOP	87.2	69-147		%Rec	1	5/27/2023 3:46:30 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2023 11:51:00 AM	75194
Surr: BFB	88.8	15-244		%Rec	1	6/1/2023 11:51:00 AM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 11:51:00 AM	75194
Toluene	ND	0.049		mg/Kg	1	6/1/2023 11:51:00 AM	75194
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2023 11:51:00 AM	75194
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2023 11:51:00 AM	75194
Surr: 4-Bromofluorobenzene	82.1	39.1-146		%Rec	1	6/1/2023 11:51:00 AM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-14/B2A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 10:22:00 AM

**Lab ID:** 2305C86-002

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1000	60		mg/Kg	20	5/31/2023 9:44:26 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	18	9.9		mg/Kg	1	5/27/2023 4:35:09 AM	75212
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2023 4:35:09 AM	75212
Surr: DNOP	91.0	69-147		%Rec	1	5/27/2023 4:35:09 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2023 12:56:00 PM	75194
Surr: BFB	85.8	15-244		%Rec	1	6/1/2023 12:56:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/1/2023 12:56:00 PM	75194
Toluene	ND	0.050		mg/Kg	1	6/1/2023 12:56:00 PM	75194
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2023 12:56:00 PM	75194
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2023 12:56:00 PM	75194
Surr: 4-Bromofluorobenzene	83.4	39.1-146		%Rec	1	6/1/2023 12:56:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-14/B3A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 10:24:00 AM

**Lab ID:** 2305C86-003

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	860	60		mg/Kg	20	5/31/2023 10:21:39 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	23	9.9		mg/Kg	1	5/27/2023 5:23:39 AM	75212
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 5:23:39 AM	75212
Surr: DNOP	79.7	69-147		%Rec	1	5/27/2023 5:23:39 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2023 1:18:00 PM	75194
Surr: BFB	86.8	15-244		%Rec	1	6/1/2023 1:18:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/1/2023 1:18:00 PM	75194
Toluene	ND	0.049		mg/Kg	1	6/1/2023 1:18:00 PM	75194
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2023 1:18:00 PM	75194
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2023 1:18:00 PM	75194
Surr: 4-Bromofluorobenzene	82.5	39.1-146		%Rec	1	6/1/2023 1:18:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-14/B4A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 10:26:00 AM

**Lab ID:** 2305C86-004

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	910	60		mg/Kg	20	5/31/2023 10:34:04 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	38	9.6		mg/Kg	1	5/30/2023 10:20:23 AM	75212
Motor Oil Range Organics (MRO)	59	48		mg/Kg	1	5/30/2023 10:20:23 AM	75212
Surr: DNOP	99.6	69-147		%Rec	1	5/30/2023 10:20:23 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2023 1:40:00 PM	75194
Surr: BFB	88.0	15-244		%Rec	1	6/1/2023 1:40:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/1/2023 1:40:00 PM	75194
Toluene	ND	0.049		mg/Kg	1	6/1/2023 1:40:00 PM	75194
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2023 1:40:00 PM	75194
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2023 1:40:00 PM	75194
Surr: 4-Bromofluorobenzene	84.6	39.1-146		%Rec	1	6/1/2023 1:40:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG  
**Project:** Stark BG Batt  
**Lab ID:** 2305C86-005

**Matrix:** SOIL

**Client Sample ID:** EB-14/B5A  
**Collection Date:** 5/23/2023 10:28:00 AM  
**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1100	61		mg/Kg	20	5/31/2023 10:46:29 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	42	9.2		mg/Kg	1	5/27/2023 7:00:31 AM	75212
Motor Oil Range Organics (MRO)	52	46		mg/Kg	1	5/27/2023 7:00:31 AM	75212
Surr: DNOP	88.5	69-147		%Rec	1	5/27/2023 7:00:31 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2023 2:01:00 PM	75194
Surr: BFB	86.7	15-244		%Rec	1	6/1/2023 2:01:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 2:01:00 PM	75194
Toluene	ND	0.048		mg/Kg	1	6/1/2023 2:01:00 PM	75194
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2023 2:01:00 PM	75194
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2023 2:01:00 PM	75194
Surr: 4-Bromofluorobenzene	84.6	39.1-146		%Rec	1	6/1/2023 2:01:00 PM	75194

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/B1A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:30:00 AM

**Lab ID:** 2305C86-006

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1400	60		mg/Kg	20	5/31/2023 10:58:53 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/27/2023 7:48:51 AM	75212
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2023 7:48:51 AM	75212
Surr: DNOP	92.4	69-147		%Rec	1	5/27/2023 7:48:51 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2023 2:23:00 PM	75194
Surr: BFB	87.2	15-244		%Rec	1	6/1/2023 2:23:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 2:23:00 PM	75194
Toluene	ND	0.048		mg/Kg	1	6/1/2023 2:23:00 PM	75194
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2023 2:23:00 PM	75194
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2023 2:23:00 PM	75194
Surr: 4-Bromofluorobenzene	83.3	39.1-146		%Rec	1	6/1/2023 2:23:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/B2A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:32:00 AM

**Lab ID:** 2305C86-007

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1400	60		mg/Kg	20	6/1/2023 12:00:55 AM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/27/2023 8:13:08 AM	75212
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 8:13:08 AM	75212
Surr: DNOP	94.1	69-147		%Rec	1	5/27/2023 8:13:08 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2023 2:44:00 PM	75194
Surr: BFB	86.8	15-244		%Rec	1	6/1/2023 2:44:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/1/2023 2:44:00 PM	75194
Toluene	ND	0.049		mg/Kg	1	6/1/2023 2:44:00 PM	75194
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2023 2:44:00 PM	75194
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2023 2:44:00 PM	75194
Surr: 4-Bromofluorobenzene	83.3	39.1-146		%Rec	1	6/1/2023 2:44:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/B3A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:34:00 AM

**Lab ID:** 2305C86-008

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2200	150		mg/Kg	50	6/1/2023 11:45:54 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/27/2023 8:37:24 AM	75212
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 8:37:24 AM	75212
Surr: DNOP	90.4	69-147		%Rec	1	5/27/2023 8:37:24 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2023 3:06:00 PM	75194
Surr: BFB	87.3	15-244		%Rec	1	6/1/2023 3:06:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 3:06:00 PM	75194
Toluene	ND	0.049		mg/Kg	1	6/1/2023 3:06:00 PM	75194
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2023 3:06:00 PM	75194
Xylenes, Total	ND	0.097		mg/Kg	1	6/1/2023 3:06:00 PM	75194
Surr: 4-Bromofluorobenzene	83.0	39.1-146		%Rec	1	6/1/2023 3:06:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/B4A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:36:00 AM

**Lab ID:** 2305C86-009

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2900	150		mg/Kg	50	6/1/2023 11:58:14 PM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/27/2023 9:01:36 AM	75212
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2023 9:01:36 AM	75212
Surr: DNOP	89.6	69-147		%Rec	1	5/27/2023 9:01:36 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2023 3:28:00 PM	75194
Surr: BFB	86.1	15-244		%Rec	1	6/1/2023 3:28:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/1/2023 3:28:00 PM	75194
Toluene	ND	0.049		mg/Kg	1	6/1/2023 3:28:00 PM	75194
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2023 3:28:00 PM	75194
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2023 3:28:00 PM	75194
Surr: 4-Bromofluorobenzene	83.2	39.1-146		%Rec	1	6/1/2023 3:28:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/B5A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:38:00 AM

**Lab ID:** 2305C86-010

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2300	59		mg/Kg	20	6/1/2023 12:38:10 AM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/27/2023 9:25:50 AM	75212
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2023 9:25:50 AM	75212
Surr: DNOP	95.8	69-147		%Rec	1	5/27/2023 9:25:50 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2023 3:49:00 PM	75194
Surr: BFB	86.8	15-244		%Rec	1	6/1/2023 3:49:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 3:49:00 PM	75194
Toluene	ND	0.049		mg/Kg	1	6/1/2023 3:49:00 PM	75194
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2023 3:49:00 PM	75194
Xylenes, Total	ND	0.097		mg/Kg	1	6/1/2023 3:49:00 PM	75194
Surr: 4-Bromofluorobenzene	83.9	39.1-146		%Rec	1	6/1/2023 3:49:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/W1A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:40:00 AM

**Lab ID:** 2305C86-011

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2500	150		mg/Kg	50	6/2/2023 12:10:35 AM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/27/2023 9:50:07 AM	75212
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 9:50:07 AM	75212
Surr: DNOP	94.9	69-147		%Rec	1	5/27/2023 9:50:07 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2023 4:33:00 PM	75194
Surr: BFB	90.9	15-244		%Rec	1	6/1/2023 4:33:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 4:33:00 PM	75194
Toluene	ND	0.047		mg/Kg	1	6/1/2023 4:33:00 PM	75194
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2023 4:33:00 PM	75194
Xylenes, Total	ND	0.094		mg/Kg	1	6/1/2023 4:33:00 PM	75194
Surr: 4-Bromofluorobenzene	85.5	39.1-146		%Rec	1	6/1/2023 4:33:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/W2A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:42:00 AM

**Lab ID:** 2305C86-012

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1500	60		mg/Kg	20	6/1/2023 1:02:58 AM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	13	9.4		mg/Kg	1	5/27/2023 10:14:22 AM	75212
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/27/2023 10:14:22 AM	75212
Surr: DNOP	73.2	69-147		%Rec	1	5/27/2023 10:14:22 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2023 4:54:00 PM	75194
Surr: BFB	85.0	15-244		%Rec	1	6/1/2023 4:54:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 4:54:00 PM	75194
Toluene	ND	0.047		mg/Kg	1	6/1/2023 4:54:00 PM	75194
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2023 4:54:00 PM	75194
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2023 4:54:00 PM	75194
Surr: 4-Bromofluorobenzene	83.5	39.1-146		%Rec	1	6/1/2023 4:54:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

**Analytical Report**

Lab Order **2305C86**

Date Reported: **6/5/2023**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** EOG

**Client Sample ID:** EB-31/W3A

**Project:** Stark BG Batt

**Collection Date:** 5/23/2023 11:44:00 AM

**Lab ID:** 2305C86-013

**Matrix:** SOIL

**Received Date:** 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2600	150		mg/Kg	50	6/2/2023 12:22:56 AM	75263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/27/2023 10:38:29 AM	75212
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2023 10:38:29 AM	75212
Surr: DNOP	72.9	69-147		%Rec	1	5/27/2023 10:38:29 AM	75212
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2023 5:16:00 PM	75194
Surr: BFB	91.0	15-244		%Rec	1	6/1/2023 5:16:00 PM	75194
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/1/2023 5:16:00 PM	75194
Toluene	ND	0.048		mg/Kg	1	6/1/2023 5:16:00 PM	75194
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2023 5:16:00 PM	75194
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2023 5:16:00 PM	75194
Surr: 4-Bromofluorobenzene	85.0	39.1-146		%Rec	1	6/1/2023 5:16:00 PM	75194

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2305C86

05-Jun-23

**Client:** EOG  
**Project:** Stark BG Batt

Sample ID: <b>MB-75263</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75263</b>	RunNo: <b>97118</b>								
Prep Date: <b>5/31/2023</b>	Analysis Date: <b>5/31/2023</b>	SeqNo: <b>3526736</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-75263</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75263</b>	RunNo: <b>97118</b>								
Prep Date: <b>5/31/2023</b>	Analysis Date: <b>5/31/2023</b>	SeqNo: <b>3526737</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2305C86

05-Jun-23

**Client:** EOG  
**Project:** Stark BG Batt

Sample ID: <b>MB-75212</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75212</b>	RunNo: <b>97076</b>								
Prep Date: <b>5/26/2023</b>	Analysis Date: <b>5/26/2023</b>	SeqNo: <b>3523780</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.8		10.00		87.8	69	147			

Sample ID: <b>LCS-75212</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75212</b>	RunNo: <b>97076</b>								
Prep Date: <b>5/26/2023</b>	Analysis Date: <b>5/27/2023</b>	SeqNo: <b>3523781</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	10	50.00	0	78.0	61.9	130			
Surr: DNOP	3.8		5.000		76.5	69	147			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2305C86

05-Jun-23

**Client:** EOG  
**Project:** Stark BG Batt

Sample ID: <b>ics-75194</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75194</b>	RunNo: <b>97112</b>								
Prep Date: <b>5/25/2023</b>	Analysis Date: <b>6/1/2023</b>	SeqNo: <b>3527082</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	79.3	70	130			
Surr: BFB	1900		1000		189	15	244			

Sample ID: <b>mb-75194</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75194</b>	RunNo: <b>97112</b>								
Prep Date: <b>5/25/2023</b>	Analysis Date: <b>6/1/2023</b>	SeqNo: <b>3527083</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	870		1000		86.5	15	244			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2305C86

05-Jun-23

**Client:** EOG  
**Project:** Stark BG Batt

Sample ID: <b>lcs-75194</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75194</b>	RunNo: <b>97112</b>								
Prep Date: <b>5/25/2023</b>	Analysis Date: <b>6/1/2023</b>	SeqNo: <b>3527087</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	84.5	70	130			
Toluene	0.86	0.050	1.000	0	85.7	70	130			
Ethylbenzene	0.84	0.050	1.000	0	84.2	70	130			
Xylenes, Total	2.5	0.10	3.000	0	83.2	70	130			
Surr: 4-Bromofluorobenzene	0.86		1.000		85.6	39.1	146			

Sample ID: <b>mb-75194</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75194</b>	RunNo: <b>97112</b>								
Prep Date: <b>5/25/2023</b>	Analysis Date: <b>6/1/2023</b>	SeqNo: <b>3527088</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		84.0	39.1	146			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2305C86 RcptNo: 1

Received By: Juan Rojas 5/25/2023 9:35:00 AM
Completed By: Tracy Casarrubias 5/25/2023 10:14:04 AM
Reviewed By: [Signature] 5-25-23

[Signature]

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted?

Checked by: [Signature] 5/25/23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 1.7, Good, Yes, Morty, [ ], [ ]





# ATTACHMENT 3 – NMOCD CORRESPONDENCE

**From:** Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)>  
**Sent:** Thursday, September 8, 2022 3:35 PM  
**To:** Katie Jamison <[Katie.Jamison@eogresources.com](mailto:Katie.Jamison@eogresources.com)>  
**Cc:** Billings, Bradford, EMNRD <[Bradford.Billings@state.nm.us](mailto:Bradford.Billings@state.nm.us)>  
**Subject:** RE: Incident # nAB1807456505 and nAB1807452941

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern,

Regarding the applications for Proposed Remediation Plans for Incident #'s nAB1807456505 and nAB1807452941.

The applications were denied for the following reasons. Please make the following adjustments to your proposed remediation plans and resubmit for each individual incident # within 30 days.

The OCD requires a variance request for the following

- The installation of a Bentomat Geosynthetic Clay Liner (GCL)
- Five-point composite samples representing no greater than 1,000 square feet

Regarding the excavated "Area 2" and the material designated for potential re-use. The OCD approves the segregation and stockpiling of soils on a plastic liner and the collection of confirmation soil samples to confirm the stockpile soil concentrations are within previously referenced restoration, reclamation and re-vegetation criteria. However, the OCD requires that Each 100-cy stockpile will have four confirmation samples collected by way of five-part composite sample methods. The samples should be submitted for laboratory analysis of chloride using NMOCD approved laboratory methods.

If you have any further questions, please feel free to contact me.

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)  
<http://www.emnrd.nm.gov>





Will Kierdorf <will@rangerenv.com>

---

**Incident ID #s: nAB1807456505 & nAB1807452941**

2 messages

---

**Will Kierdorf** <will@rangerenv.com>

Thu, Feb 2, 2023 at 11:01 AM

To: "Harimon, Jocelyn, EMNRD" <Jocelyn.Harimon@emnrd.nm.gov>

Cc: Chase Settle <Chase\_Settle@eogresources.com>

Ms. Harimon,

Thank you for your time this morning to discuss the two incidents that Ranger is working on with EOG (Incident ID #s: nAB1807456505 & nAB1807452941). As we discussed, the initial proposed remediation plan (submitted on 9/7/2023) was denied on 9/8/2023. I have attached a copy of the denial email for your reference. Based on the response an updated proposed remediation plan that included the items identified in the response email was submitted on 9/19/2023 and no response from the NMOCD has been received.

Please let this email serve as a re-submittal of the Site Characterization and Remediation Work Plan, dated September 15, 2022.

If you have any questions or would like any additional information please feel free to contact me.

Thank you,

--

**Will Kierdorf, REM**  
**Project Manager**  
**Ranger Environmental Services, LLC**  
**P.O. Box 201179**  
**Austin, TX 78720**  
**Phone: 512-335-1785**  
**Fax: 512-335-0527**



**2022.09.08 - NMOCD Response to Proposed Remediation Plan - nAB1807456505 & nAB1807452941.pdf**  
476K

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**Harimon, Jocelyn, EMNRD** <Jocelyn.Harimon@emnrd.nm.gov>

Thu, Feb 2, 2023 at 3:11 PM

To: Will Kierdorf <will@rangerenv.com>

Cc: Chase Settle <Chase\_Settle@eogresources.com>

Will,

Thank you for your email. I have updated the incident files to reflect your re-submission of the Remediation plans for these incidents. I have also uploaded our communications to the incident files.

The applications will be reviewed in the order they have been received.

If you have any further questions please feel free to contact me.

JH

**Jocelyn Harimon** • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

1220 South St. Francis Drive | Santa Fe, NM 87505

(505)469-2821 | [Jocelyn.Harimon@emnrn.nm.gov](mailto:Jocelyn.Harimon@emnrn.nm.gov)

[http:// www.emnrn.nm.gov](http://www.emnrn.nm.gov)



---

**From:** Will Kierdorf <[will@rangerenv.com](mailto:will@rangerenv.com)>

**Sent:** Thursday, February 2, 2023 10:02 AM

**To:** Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@emnrn.nm.gov](mailto:Jocelyn.Harimon@emnrn.nm.gov)>

**Cc:** Chase Settle <[Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com)>

**Subject:** [EXTERNAL] Incident ID #s: nAB1807456505 & nAB1807452941

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

[Quoted text hidden]



**Katie Jamison** <Katie\_Jamison@eogresources.com>

to Chase Settle, Yvette Moore ▾

9:08 AM (2 hours ago)

You are viewing an attached message. Rangerenv.com Mail can't verify the authenticity of attached messages.



Workplan approval: Eagle Creek Pipeline – Stark, nAB1807456505

From: [OCDOOnline@state.nm.us](mailto:OCDOOnline@state.nm.us) <[OCDOOnline@state.nm.us](mailto:OCDOOnline@state.nm.us)>

Sent: Monday, April 17, 2023 3:02 PM

To: Katie Jamison <[Katie\\_Jamison@eogresources.com](mailto:Katie_Jamison@eogresources.com)>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 144447

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Katie Jamison for EOG RESOURCES INC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action (C-141)*, for incident ID (n#) nAB1807456505,

with the following conditions:

- The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The Geosynthetic Clay Liner is only approved on the condition that as much contaminated soil is removed as possible. The variance for 1,000 ft2 confirmation samples is denied. A variance for 500 ft2 confirmation samples is approved. Blending of soil/material is not approved. The work will need to occur in 90 days after the work plan has been approved.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,

Robert Hamlet

575-748-1283

[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505



**Katie Jamison** <Katie\_Jamison@eogresources.com>  
to Chase Settle, Yvette Moore ▾

Mon, Apr 17, 3:00 PM (20 hours ago)

You are viewing an attached message. Rangerenv.com Mail can't verify the authenticity of attached messages.



Approved Workplan with Conditions, Stark BG #2. nAB1807452941

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>

**Sent:** Monday, April 17, 2023 1:44 PM

**To:** Katie Jamison <[Katie\\_Jamison@eogresources.com](mailto:Katie_Jamison@eogresources.com)>

**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 144432

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Katie Jamison for EOG RESOURCES INC).

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action (C-141)*, for incident ID (n#) nAB1807452941, with the following conditions:

- **The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The Geosynthetic Clay Liner is only approved on the condition that as much contaminated soil is removed as possible. The variance for 1,000 ft2 confirmation samples is denied. A variance for 500 ft2 confirmation samples is approved. Blending of soil/material is not approved. The work will need to occur in 90 days after the work plan has been approved.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,

Robert Hamlet

575-748-1283

[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505



**Chase Settle**  
to me ▾

7:58 AM (2 hours ago) ☆ ↶ ⋮

---

**From:** Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>  
**Sent:** Thursday, February 2, 2023 5:59 AM  
**To:** [ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)  
**Cc:** Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
**Subject:** Stark BG 2 Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Stark BG 2 Battery & Eagle Creek Gas Pipeline  
D-25-18S-25E  
Frisby County, NM  
2RP-4658 & 2RP-4659

Sampling will begin at 8:00 a.m. on Monday, February 6, 2023 and will continue through Friday, February 10, 2023.

Thank you,

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



---

From: Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>  
Sent: Thursday, February 9, 2023 5:49 AM  
To: [ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)  
Cc: Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
Subject: **Stark BG 2** Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good Morning,

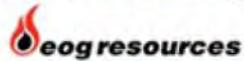
EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

**Stark BG 2** Battery & Eagle Creek Gas Pipeline  
D-25-18S-25E  
Eddy County, NM  
2RP-4658 & 2RP-4659

Sampling will begin at 8:00 a.m. on Monday, February 13, 2023 and will continue through Friday, February 17, 2023.

Thank you,

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



**Artesia Division**

---

**From:** Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>  
**Sent:** Thursday, February 23, 2023 5:23 AM  
**To:** [ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)  
**Cc:** Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
**Subject:** Stark BG 2 Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Stark BG 2 Battery & Eagle Creek Gas Pipeline  
D-25-18S-25E  
Eddy County, NM  
2RP-4658 & 2RP-4659

Sampling will begin at 8:00 a.m. on Monday, February 27, 2023, and will continue through Friday, March 3, 2023.

Thank you,

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



**Artesia Division**

---

**From:** Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>  
**Sent:** Thursday, March 2, 2023 6:04 AM  
**To:** [ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)  
**Cc:** Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
**Subject:** Stark BG 2 Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Stark BG 2 Battery & Eagle Creek Gas Pipeline  
D-25-18S-25E  
Eddy County, NM  
2RP-4658 & 2RP-4659

Sampling will begin at 8:00 a.m. on Monday, March 6, 2023, and will continue through Friday, March 10, 2023.

Thank you,

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



**Artesia Division**

---

**From:** Miriam Morales <[Miriam\\_Morales@eogresources.com](mailto:Miriam_Morales@eogresources.com)>  
**Sent:** Tuesday, March 21, 2023 8:14 AM  
**To:** [ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)  
**Cc:** Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
**Subject:** Stark BG 2 Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Stark DO 2 Battery & Eagle Creek Gas Pipeline  
D-25-18S-25E  
Eddy County, NM  
2RP-4658 & 2RP-4659

Sampling will begin at 10:00 a.m. on Thursday, March 23, 2023.

Thank you,

*Miriam Morales*

---

**From:** Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>  
**Sent:** Tuesday, April 4, 2023 11:36 AM  
**To:** [ocd.enviro@emnr.d.nm.gov](mailto:ocd.enviro@emnr.d.nm.gov)  
**Cc:** Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
**Subject:** Stark BG 2 Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good morning,

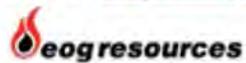
EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Stark BG 2 Battery & Eagle Creek Gas Pipeline  
D-25-18S-25E  
Eddy County, NM  
2RP-4658 & 2RP-4659

Sampling will begin at 10:00 a.m. on Thursday, April 6, 2023.

Thank you,

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



**Artesia Division**

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From: Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>

Sent: Wednesday, April 19, 2023 4:29 PM

To: [ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)

Cc: Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>

Subject: Stark BG 2 Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Stark BG 2 Battery & Eagle Creek Gas Pipeline

D-25-18S-25E

Eddy County, NM

2RP-4658 & 2RP-4659

Sampling will begin at 1:00 p.m. on Monday, April 24, 2023.

Thank you,

*Tina Huerta*

*Regulatory Specialist*

*Direct: 575.748.4168*

*Cell: 575.703.3121*

*Email: [tina.huerta@eogresources.com](mailto:tina.huerta@eogresources.com)*



**Artesia Division**

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**From:** Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>  
**Sent:** Thursday, May 18, 2023 12:46 PM  
**To:** [ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)  
**Cc:** Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
**Subject:** Stark BG 2 Battery & Eagle Creek Gas Pipeline (2RP-4658 & 2RP-4659) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Stark BG 2 Battery & Eagle Creek Gas Pipeline  
D-25-18S-25E  
Eddy County, NM  
2RP-4658 & 2RP-4659

Sampling will begin at 8:00 a.m. on Tuesday, May 23, 2023, and continue through Wednesday, May 24, 2023.

Thank you,

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



**Artesia Division**

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

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 231237

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 231237
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAB1807456505 EAGLE CREEK GAS SYSTEM, thank you. This closure is approved.	11/22/2023