

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' 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' followed by a horizontal line.

**William Kierdorf, REM
Project Manager**

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FORM C-141

FIGURES

- Topographic Map
- Area Map
- Final Excavation Area and Confirmation Sample Location Map

TABLES

- Re-use Soil Chloride (EPA 300) Analytical Data
- 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 details¹ 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 ²	---	50 ²	10 ²

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 87401
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

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

MAR 13 2018

FAB1807452783

Release Notification and Corrective Action OPERATOR

NAB1807452941

☒ Initial Report ☐ Final Report

Name of Company EOG Y Resources, Inc.	#25575	Contact Robert Asher
Address 104 S. 4 th 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 D	Section 25	Township 18S	Range 25E	Feet from the 990	North/South Line North	Feet from the 990	East/West Line West	County Eddy
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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

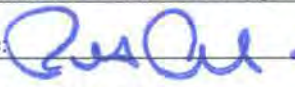
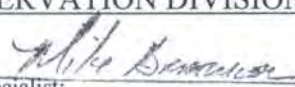
Describe Cause of Problem and Remedial Action Taken.*

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: 	OIL CONSERVATION DIVISION	
Printed Name: Robert Asher	Signed By  Approved by Environmental Specialist:	
Title: Environmental Supervisor	Approval Date: <u>3/13/18</u>	Expiration Date: <u>N/A</u>
E-mail Address: robert_asher@eogresources.com	Conditions of Approval: <u>See Attached</u>	
Date: March 13, 2018	Phone: 575-748-4217	Attached: <u>2RP-4658</u>

* Attach Additional Sheets If Necessary

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: Chase Settle	Title: Rep Safety & Environmental Sr
Signature: Chase Settle	Date: 09/16/2022
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
<u>OCD Only</u>	
Received by: _____	Date: _____

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Site Assessment/Characterization

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

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

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

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

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

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

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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

Release Notification and Corrective Action OPERATOR

NAB1807454505

☒ Initial Report ☐ Final Report

Name of Company EOG Y Resources, Inc.	Contact Robert Asher
Address 104 S. 4 th 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 D	Section 25	Township 18S	Range 25E	Feet from the	North/South Line	Feet from the	East/West Line	County 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

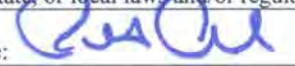
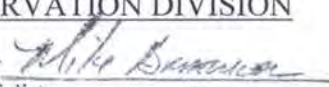
Describe Cause of Problem and Remedial Action Taken.*

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

* Attach Additional Sheets If Necessary

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: Chase Settle	Title: Rep Safety & Environmental Sr
Signature: Chase Settle	Date: 09/16/2022
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
<u>OCD Only</u>	
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?	<u>191</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

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

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Signature: Chase Settle Date: 06/21/2023

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

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Closure Approved by: _____ Date: _____

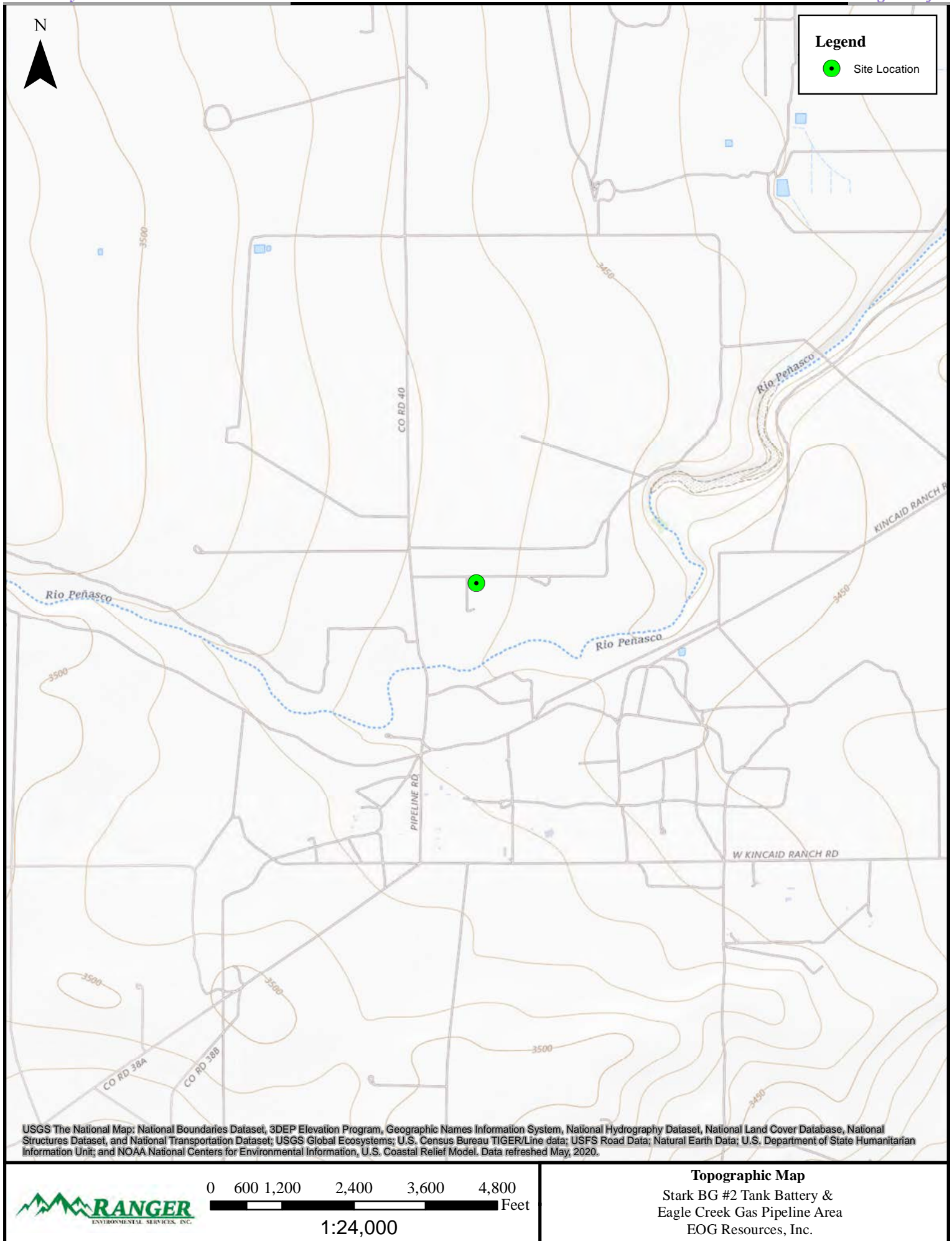
Printed Name: _____ Title: _____

FIGURES

Topographic Map

Area Map

Final Excavation Area and Confirmation Sample Location Map



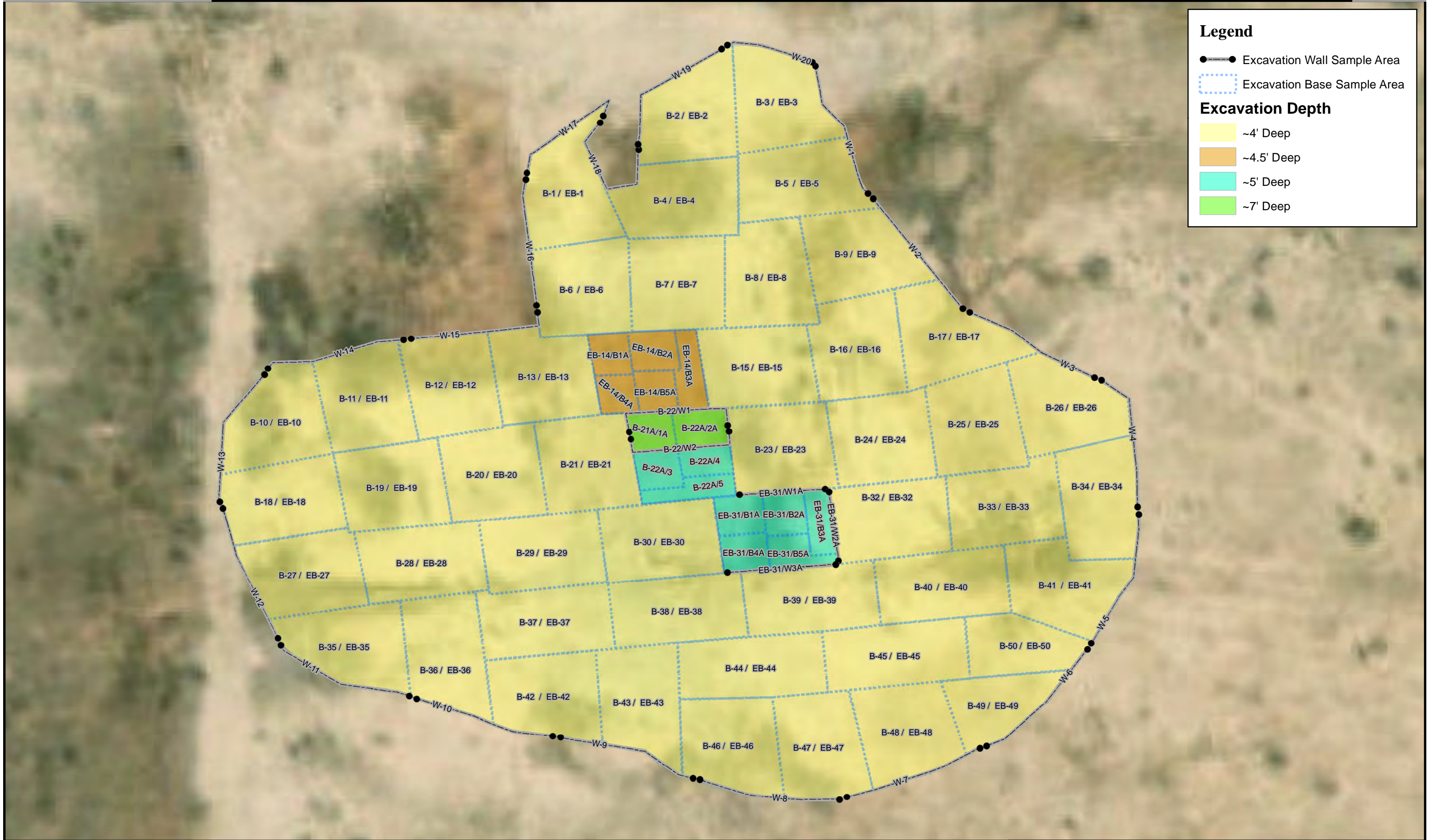


0 250 500 1,000 1,500 2,000 Feet

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

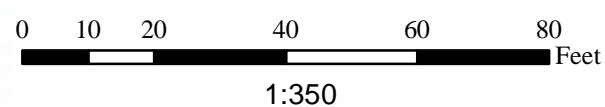
Excavation Depth

~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 & 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 & 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 & 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 & 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 & 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
19.15.29.13 NMAC Reclamation Criteria		
(0'-4' Soils Only)		600

Notes:

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
Excavation Wall Soil Samples													
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
Excavation Base Area Soil Samples													
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	1,200	730	1,200	1,930	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 BTX (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 BTX	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	4.9	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	2,000
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
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')			10	---	---	---	50	---	---	---	1,000	2,500	20,000
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10 ³	---	---	---	50 ³	---	---	---	---	100 ³	600
Notes:													
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

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 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-1/2

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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

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

Analyst: **CAS**

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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

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

Analyst: **CAS**

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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

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

Analyst: **CAS**

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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

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

Analyst: **CAS**

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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

WO#: 2302497

16-Feb-23

Client: EOG
Project: Stark BG Battery

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

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

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

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

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

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

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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2302497

RcptNo: 1

Received By: Juan Rojas

2/10/2023 7:10:00 AM

[Signature]

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 ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 2/10/23

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.6	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 ☐ Other

■ 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

On Ice: ☐ Yes ☐ No

of Coolers: 1

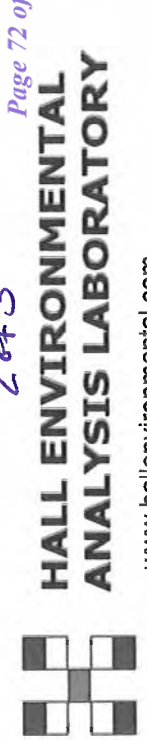
Cooler Temp (including CP): 0.4162 = 0.6

Container Type and #

Preservative Type

HEAL No.

2302497



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	Chloride (EPA 300)
1-8-23	1018	Soil	P-4 / 1	1x4oz jar	LCF	013	X	X
1	1022		P-4 / 2			014		
	1026		P-4 / 3			015		
	1030		P-4 / 4			016		
	1034		P-5 / 1			017		
	1040		P-5 / 2			018		
	1044		P-5 / 3			019		
	1048		P-5 / 4			020		
	1052		P-6 / 1			021		
	1056		P-6 / 2			022		
	1100		P-6 / 3			023		
	1104		P-6 / 4			024		

Date: 2-9-23 Time: 0901 Relinquished by: [Signature]
Date: 2-9-23 Time: 1900 Relinquished by: [Signature]
Received by: [Signature] Date: 2/9/23 Time: 0901
Received by: [Signature] Date: 2/10/23 Time: 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

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 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2302788**

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2302788**

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 14 of 33
	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.			

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2302788
Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 22 of 33
	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	* 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.	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302788

Date Reported: 2/22/2023

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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.

Qualifiers:	*	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.		

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

WO#: 2302788

22-Feb-23

Client: EOG
Project: Stark BG Battery

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

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

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

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

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

Sample Log-In Check List

Client Name: 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: TME 2/17/23

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: ju 2/17/23

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	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

Date	Time	Matrix	Sample Name
2-15-23	0930	S-1	P-8 / 2
1	0932	1	P-8 / 2
1	0934	1	P-8 / 3
1	0936	1	P-8 / 4
1	0944	1	P-9 / 1
1	0946	1	P-9 / 2
1	0948	1	P-9 / 3
1	0950	1	P-9 / 4
1	0952	1	P-10 / 1
1	0954	1	P-10 / 2
1	0956	1	P-10 / 3
1	0958	1	P-10 / 4

Date: 2-16-23 Time: 0820 Relinquished by: [Signature]
Date: 2-17-23 Time: 1900 Relinquished by: [Signature]

Turn-Around Time: EOG
☐ Standard ☒ Rush 5 DAY TAT
Project Name: STARKE BG BATTERY
Project #: 5375
Project Manager: W. Kierdorf
Sampler: J. Martinez
On Ice: ☒ Yes ☐ No mercy
of Coolers: 1
Cooler Temp (including CFI): 1 + 0.1 = 1.2 °C
Container Type and # 1x 42 Jar Preservative Type ICE HEAL No. 22502388
001
002
003
004
005
006
007
008
009
010
011
012
Received by: [Signature] Date: 2/16/23 Time: 0820
Via: Courier
Received by: [Signature] Date: 2/17/23 Time: 0825
Via: Courier



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)							



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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	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.		

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CLIENT: EOG
Project: Stark BG Battery
Lab ID: 2302855-018

Matrix: SOIL

Client Sample ID: P-20/2
Collection Date: 2/17/2023 3:56:00 PM
Received Date: 2/21/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
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.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 18 of 21
	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.			

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2302855

Date Reported: 2/27/2023

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
EPA METHOD 300.0: ANIONS							Analyst: JMT
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.

Qualifiers:	*	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.		

Date Reported: 2/27/2023

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

Analyst: JMT

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

WO#: 2302855

27-Feb-23

Client: EOG
Project: Stark BG Battery

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

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

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

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

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

Sample Log-In Check List

Client Name: 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: *ju 2/21/23*

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? */*

Checked by: *ju 2-21-23*

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.4	Good	Yes	Yogi		
2	5.2	Good	Yes	Yogi		

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

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



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

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

Project Manager: W. Kierdorf
Sampler: J. Martinez / W. Kennedy
On Ice: ☒ Yes ☐ No Yogi
of Coolers: 1
Cooler Temp (including OF): 5.5 - 0.1 ~ 5.4°C
Container Type and #
Preservative Type
HEAL No.
2302855

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-11-23	1520	Soil	P-16/1	1462 Jar	1CL	001
	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

Date: 2-20-23 Time: 0800
Date: 2-20-23 Time: 1900
Relinquished by: any
Relinquished by: any
Received by: any Date: 2/21/23 Time: 1:20
Received by: any Date: 2/21/23 Time: 1:20

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

Chain-of-Custody Record
by OCD; 6/21/2023 1:37:16 PM

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

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Date	Time	Matrix	Sample Name
------	------	--------	-------------

2-17-22	189116	8.2.7
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P-19/1

1548

2151-0

551

8-15/3

255

8-19/4

1554

20

7551

0-2017

8551

D-20/3

1	1600	2
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P-20/4

Date:	Time:
-------	-------

Relinquished by:

ed by:

2-26-2	0800
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—

1

Date:	Time:
-------	-------

Relinquished by:

ed by:

Received by:

Via:

Date Time

Received by:

Via:

Date) Time

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

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 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 horizontal line.

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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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
EPA METHOD 300.0: ANIONS							Analyst: CAS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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: 2303174-006

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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: 2303174-046

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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: 2303174-051

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

Qualifiers:	*	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.		

Page 12 of 14

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

WO#: 2303174

13-Mar-23

Client: EOG
Project: STARK BG Battery

Sample ID: MB-73533	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73533	RunNo: 95055								
Prep Date: 3/6/2023	Analysis Date: 3/6/2023	SeqNo: 3437444 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73533	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73533	RunNo: 95055								
Prep Date: 3/6/2023	Analysis Date: 3/6/2023	SeqNo: 3437445 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

Sample ID: MB-73574	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73574	RunNo: 95131								
Prep Date: 3/8/2023	Analysis Date: 3/8/2023	SeqNo: 3440395 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73574	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73574	RunNo: 95131								
Prep Date: 3/8/2023	Analysis Date: 3/8/2023	SeqNo: 3440396 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	90	110			

Sample ID: MB-73584	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73584	RunNo: 95131								
Prep Date: 3/8/2023	Analysis Date: 3/8/2023	SeqNo: 3440603 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73584	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73584	RunNo: 95131								
Prep Date: 3/8/2023	Analysis Date: 3/8/2023	SeqNo: 3440604 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	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: MB-73604		SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 73604		RunNo: 95145						
Prep Date: 3/9/2023		Analysis Date: 3/9/2023		SeqNo: 3441856			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73604		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 73604		RunNo: 95145						
Prep Date: 3/9/2023		Analysis Date: 3/9/2023		SeqNo: 3441857			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	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

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

Sample Log-In Check List

Client Name: 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 ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☒ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐ Not required
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *KPA 2*

KPA 3-3-23

3-3-23

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	11.6	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: STARK & G BATTERY
Project #: 5375
Project Manager: W. Kierdorf
Sampler: J. Martinez
On Ice: ☐ Yes ☒ No
of Coolers: 1
Cooler Temp (including cpi): 11.6 - 6 = 11.6 -



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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	Chloride (EPA 300)
2-28-23	1500	Soil	P-21/1	1x402 Jar	ICE	230374		X
	1502		P-21/2					
	1504		P-21/3					
	1506		P-21/4					
	1508		P-22/1					
	1510		P-22/2					
	1512		P-22/3					
	1514		P-22/4					
	1520		P-23/1					
	1522		P-23/2					
	1524		P-23/3					
	1526		P-23/4					

Relinquished by: J. Wang Date: 3-2-23 Time: 0810
Relinquished by: [Signature] Date: 3-2-23 Time: 1910
Received by: [Signature] Date: 3-2-23 Time: 2130
Via: [Signature]
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

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Turn-Around Time: ☐ 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 **no**
of Coolers: **1**
Cooler Temp (including container): **11.6 - 12 = 11.6 °C**

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-27-23	1530	Soil	P-24/I	1x402 Jar	ICE	2303174
	1532		P-24/2			014
	1534		P-24/3			015
	1536		P-24/4			016
	1538		P-25/I			017
	1540		P-25/2			018
	1542		P-25/3			019
	1544		P-25/4			020
	1546		P-26/I			021
	1548		P-26/2			022
	1550		P-26/3			023
	1552		P-26/4			024

Relinquished by: **h r m**
Date: 3-2-23 Time: 0810
Relinquished by: **h r m**
Date: 3/1/23 Time: 1900

Received by: **W. Kierdorf** Date: 3-2-23 Time: 0810
Received by: **W. Kierdorf** Date: 3-2-23 Time: 1930
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.

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**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: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush <u>5 DAY TAT</u> Project Name: <u>STARK BG BATTERY</u> Project #: <u>5375</u>						
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: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)						
Accreditation: <input type="checkbox"/> Az Compliance <input checked="" type="checkbox"/> NELAC <input type="checkbox"/> Other _____ ■ EDD (Type) Excel _____						
Project Manager: W. Klerdorf Sampler: <u>J-Martinez</u> On Ice: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <u>mashy</u> # of Coolers: <u>1</u> Cooler Temp (including Cf): <u>11.6 - 11.6 °C</u>						
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-28-23	1554	soil	P-27/I	184oz Jar	ICE	2308174
	1556		P-27/2			026
	1558		P-27/3			027
	1600		P-27/4			028
	1604		P-28/I			029
	1608		P-28/2			030
	1610		P-28/3			031
	1612		P-28/4			032
	1614		P-29/I			033
	1616		P-29/2			034
	1618		P-29/3			035
	1620		P-29/4			036
Date:	Time:	Relinquished by:		Received by:	Via:	Date Time
02-28-23	0810	<u>J-Cund</u>		<u>W. Klerdorf</u>		3/2/23 810
Date:	Time:	Relinquished by:		Received by:	Via:	Date Time
02/28/23	1910	<u>W. Klerdorf</u>		<u>W. Klerdorf</u>		3/2/23 810

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

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 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", with a stylized flourish at the end.

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	280	60		mg/Kg	20	3/11/2023 7:31:59 PM	73652
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	250	60		mg/Kg	20	3/13/2023 12:22:32 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	79	59		mg/Kg	20	3/13/2023 12:34:56 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	73	60		mg/Kg	20	3/13/2023 1:36:58 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	320	60		mg/Kg	20	3/13/2023 1:49:22 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	300	60		mg/Kg	20	3/13/2023 2:01:47 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	110	60		mg/Kg	20	3/13/2023 2:14:11 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	77	60		mg/Kg	20	3/13/2023 2:51:26 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	250	60		mg/Kg	20	3/13/2023 3:03:51 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	260	60		mg/Kg	20	3/13/2023 3:16:15 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	3/13/2023 3:53:30 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	3/13/2023 4:05:55 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	3/13/2023 4:18:19 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	3/13/2023 4:30:43 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	3/13/2023 4:43:08 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	78	60		mg/Kg	20	3/13/2023 5:20:23 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	130	60		mg/Kg	20	3/13/2023 5:32:47 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	310	60		mg/Kg	20	3/13/2023 5:45:11 PM	73662
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	330	60		mg/Kg	20	3/13/2023 6:22:25 PM	73680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	570	60		mg/Kg	20	3/13/2023 6:34:50 PM	73680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BFR
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
EPA METHOD 8021B: VOLATILES							Analyst: BFR
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.

Qualifiers:	*	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.		

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

WO#: 2303389

17-Mar-23

Client: EOG
Project: Stark BG Battery

Sample ID: MB-73652	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73652	RunNo: 95206								
Prep Date: 3/11/2023	Analysis Date: 3/11/2023	SeqNo: 3443354	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73652	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73652	RunNo: 95206								
Prep Date: 3/11/2023	Analysis Date: 3/11/2023	SeqNo: 3443355	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.8	90	110			

Sample ID: MB-73662	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73662	RunNo: 95243								
Prep Date: 3/13/2023	Analysis Date: 3/13/2023	SeqNo: 3444518	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73662	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73662	RunNo: 95243								
Prep Date: 3/13/2023	Analysis Date: 3/13/2023	SeqNo: 3444519	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID: LCS-73680	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73680	RunNo: 95243								
Prep Date: 3/13/2023	Analysis Date: 3/13/2023	SeqNo: 3444558	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.2	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: LCS-73598	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 73598			RunNo: 95220						
Prep Date: 3/9/2023	Analysis Date: 3/10/2023			SeqNo: 3444060			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.8	61.9	130			
Surr: DNOP	5.4		5.000		108	69	147			

Sample ID: LCS-73599	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 73599			RunNo: 95220						
Prep Date: 3/9/2023	Analysis Date: 3/10/2023			SeqNo: 3444061			Units: mg/Kg			
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: MB-73598	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 73598			RunNo: 95220						
Prep Date: 3/9/2023	Analysis Date: 3/10/2023			SeqNo: 3444065			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		105	69	147			

Sample ID: MB-73599	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 73599			RunNo: 95220						
Prep Date: 3/9/2023	Analysis Date: 3/10/2023			SeqNo: 3444066			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.4		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

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

WO#: 2303389

17-Mar-23

Client: EOG
Project: Stark BG Battery

Sample ID: lcs-73592	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 73592			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445605			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.4	70	130			
Surr: BFB	1900		1000		193	37.7	212			

Sample ID: lcs-73588	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 73588			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445606			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.8	70	130			
Surr: BFB	2000		1000		201	37.7	212			

Sample ID: mb-73592	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 73592			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445609			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		91.5	37.7	212			

Sample ID: mb-73588	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 73588			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445610			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.0	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: lcs-73592	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 73592			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445607			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.1	80	120			
Toluene	0.88	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: lcs-73588	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 73588			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445608			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.9	80	120			
Toluene	0.87	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: mb-73592	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 73592			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445611			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.2	70	130			

Sample ID: mb-73588	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 73588			RunNo: 95270						
Prep Date: 3/8/2023	Analysis Date: 3/14/2023			SeqNo: 3445612			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.5	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

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *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 $^{\circ}\text{C}$	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

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 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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3000	150		mg/Kg	50	3/16/2023 9:34:26 AM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1700	60		mg/Kg	20	3/15/2023 2:00:27 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1500	60		mg/Kg	20	3/15/2023 2:12:47 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	550	60		mg/Kg	20	3/15/2023 2:25:09 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2200	60		mg/Kg	20	3/15/2023 2:37:30 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1400	59		mg/Kg	20	3/15/2023 2:49:50 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	890	61		mg/Kg	20	3/15/2023 3:02:11 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2400	60		mg/Kg	20	3/15/2023 3:14:31 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1100	59		mg/Kg	20	3/15/2023 3:26:51 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3100	150		mg/Kg	50	3/16/2023 9:46:46 AM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	5200	150		mg/Kg	50	3/16/2023 9:59:07 AM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1700	60		mg/Kg	20	3/15/2023 4:28:34 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2500	150		mg/Kg	50	3/16/2023 10:11:28 AM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2600	150		mg/Kg	50	3/16/2023 10:48:30 AM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1800	60		mg/Kg	20	3/15/2023 5:05:38 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4300	150		mg/Kg	50	3/16/2023 1:41:19 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2700	150		mg/Kg	50	3/16/2023 1:53:40 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3500	150		mg/Kg	50	3/16/2023 2:06:01 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	8500	300		mg/Kg	100	3/16/2023 2:18:21 PM	73724
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4300	150		mg/Kg	50	3/16/2023 2:30:42 PM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1600	60		mg/Kg	20	3/16/2023 4:24:43 AM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1400	60		mg/Kg	20	3/16/2023 4:37:03 AM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3500	150		mg/Kg	50	3/16/2023 2:43:03 PM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2700	150		mg/Kg	50	3/16/2023 2:55:24 PM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4800	150		mg/Kg	50	3/16/2023 3:07:44 PM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	390	60		mg/Kg	20	3/16/2023 5:26:26 AM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	390	60		mg/Kg	20	3/16/2023 5:38:47 AM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1600	60		mg/Kg	20	3/16/2023 5:51:07 AM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3000	150		mg/Kg	50	3/16/2023 3:44:47 PM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2300	60		mg/Kg	20	3/16/2023 6:15:49 AM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	440	60		mg/Kg	20	3/16/2023 7:38:58 AM	73739
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1700	60		mg/Kg	20	3/16/2023 3:57:08 PM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	3600	150		mg/Kg	50	3/17/2023 10:08:50 AM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1900	60		mg/Kg	20	3/16/2023 4:21:50 PM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	180	60		mg/Kg	20	3/16/2023 4:34:11 PM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	3800	150		mg/Kg	50	3/17/2023 10:21:15 AM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	2700	150		mg/Kg	50	3/17/2023 10:33:39 AM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1200	60		mg/Kg	20	3/16/2023 5:35:55 PM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	3100	150		mg/Kg	50	3/17/2023 10:46:04 AM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	4700	150		mg/Kg	50	3/17/2023 10:58:28 AM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	3500	150		mg/Kg	50	3/17/2023 11:10:53 AM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1200	60		mg/Kg	20	3/16/2023 6:49:59 PM	73752
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	2700	150		mg/Kg	50	3/17/2023 11:23:18 AM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	4900	150		mg/Kg	50	3/17/2023 11:35:43 AM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	7300	300		mg/Kg	100	3/17/2023 11:48:08 AM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	700	60		mg/Kg	20	3/16/2023 9:18:05 PM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1200	60		mg/Kg	20	3/16/2023 9:30:26 PM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1000	60		mg/Kg	20	3/16/2023 9:42:46 PM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	870	60		mg/Kg	20	3/16/2023 9:55:07 PM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	6500	300		mg/Kg	100	3/17/2023 12:00:33 PM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
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
EPA METHOD 8021B: VOLATILES							Analyst: RAA
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.

Qualifiers:	*	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.		

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

WO#: 2303585

24-Mar-23

Client: EOG
Project: Stark BG Battery

Sample ID: MB-73724	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73724	RunNo: 95316								
Prep Date: 3/15/2023	Analysis Date: 3/15/2023	SeqNo: 3447493 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73724	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73724	RunNo: 95316								
Prep Date: 3/15/2023	Analysis Date: 3/15/2023	SeqNo: 3447494 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: MB-73739	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73739	RunNo: 95316								
Prep Date: 3/15/2023	Analysis Date: 3/16/2023	SeqNo: 3447562 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73739	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73739	RunNo: 95316								
Prep Date: 3/15/2023	Analysis Date: 3/16/2023	SeqNo: 3447563 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.4	90	110			

Sample ID: MB-73752	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 73752	RunNo: 95346								
Prep Date: 3/16/2023	Analysis Date: 3/16/2023	SeqNo: 3448760 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-73752	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 73752	RunNo: 95346								
Prep Date: 3/16/2023	Analysis Date: 3/16/2023	SeqNo: 3448761 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	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: MB-73766	SampType: MBLK	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 73766	RunNo: 95346
Prep Date: 3/16/2023	Analysis Date: 3/16/2023	SeqNo: 3448802 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-73766	SampType: LCS	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 73766	RunNo: 95346
Prep Date: 3/16/2023	Analysis Date: 3/16/2023	SeqNo: 3448803 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 94.1 90 110

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: LCS-73681	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 73681		RunNo: 95271							
Prep Date: 3/13/2023	Analysis Date: 3/14/2023		SeqNo: 3445679		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.9	61.9	130			
Surr: DNOP	4.9		5.000		98.7	69	147			

Sample ID: MB-73681	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 73681		RunNo: 95271							
Prep Date: 3/13/2023	Analysis Date: 3/14/2023		SeqNo: 3445680		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.3	69	147			

Sample ID: MB-73683	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 73683		RunNo: 95288							
Prep Date: 3/14/2023	Analysis Date: 3/15/2023		SeqNo: 3446555		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		89.5	69	147			

Sample ID: LCS-73683	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 73683		RunNo: 95288							
Prep Date: 3/14/2023	Analysis Date: 3/15/2023		SeqNo: 3446996		Units: mg/Kg					
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: MB-73710	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 73710		RunNo: 95279							
Prep Date: 3/14/2023	Analysis Date: 3/16/2023		SeqNo: 3447687		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		95.9	69	147			

Qualifiers:

*	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: LCS-73710	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 73710			RunNo: 95279						
Prep Date: 3/14/2023	Analysis Date: 3/16/2023			SeqNo: 3447688		Units: mg/Kg				
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: LCS-73683	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 73683			RunNo: 95322						
Prep Date: 3/14/2023	Analysis Date: 3/15/2023			SeqNo: 3447797		Units: mg/Kg				
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: LCS-73727	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 73727			RunNo: 95320						
Prep Date: 3/15/2023	Analysis Date: 3/16/2023			SeqNo: 3448731		Units: %Rec				
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: MB-73727	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 73727			RunNo: 95320						
Prep Date: 3/15/2023	Analysis Date: 3/16/2023			SeqNo: 3448733		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		102	69	147			

Sample ID: LCS-73770	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 73770			RunNo: 95355						
Prep Date: 3/17/2023	Analysis Date: 3/17/2023			SeqNo: 3449228		Units: mg/Kg				
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: MB-73770	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 73770			RunNo: 95355						
Prep Date: 3/17/2023	Analysis Date: 3/17/2023			SeqNo: 3449229		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								

Qualifiers:

* 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: MB-73770	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 73770	RunNo: 95355								
Prep Date: 3/17/2023	Analysis Date: 3/17/2023	SeqNo: 3449229	Units: mg/Kg							
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: MB-73794	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 73794	RunNo: 95380								
Prep Date: 3/20/2023	Analysis Date: 3/20/2023	SeqNo: 3450241	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		86.4	69	147			

Sample ID: LCS-73794	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 73794	RunNo: 95380								
Prep Date: 3/20/2023	Analysis Date: 3/20/2023	SeqNo: 3450243	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.6	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: ics-73714	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 73714		RunNo: 95315							
Prep Date: 3/15/2023	Analysis Date: 3/16/2023		SeqNo: 3447482		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1900		1000		190	37.7	212			

Sample ID: mb-73714	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 73714		RunNo: 95315							
Prep Date: 3/15/2023	Analysis Date: 3/16/2023		SeqNo: 3447483		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		106	37.7	212			

Sample ID: ics-73674	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 73674		RunNo: 95308							
Prep Date: 3/13/2023	Analysis Date: 3/16/2023		SeqNo: 3448234		Units: mg/Kg					
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: mb-73674	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 73674		RunNo: 95308							
Prep Date: 3/13/2023	Analysis Date: 3/16/2023		SeqNo: 3448507		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.0	37.7	212			

Sample ID: ics-73675	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 73675		RunNo: 95315							
Prep Date: 3/13/2023	Analysis Date: 3/16/2023		SeqNo: 3448606		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	70	130			
Surr: BFB	1900		1000		194	37.7	212			

Sample ID: mb-73675	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 73675		RunNo: 95315							
Prep Date: 3/13/2023	Analysis Date: 3/16/2023		SeqNo: 3448607		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	37.7	212			

Qualifiers:

* 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: Ics-73706	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 73706		RunNo: 95348							
Prep Date: 3/14/2023	Analysis Date: 3/17/2023		SeqNo: 3448837		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1800		1000		179	37.7	212			

Sample ID: mb-73706	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 73706		RunNo: 95348							
Prep Date: 3/14/2023	Analysis Date: 3/17/2023		SeqNo: 3448838		Units: %Rec					
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: Ics-73686	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 73686		RunNo: 95373							
Prep Date: 3/14/2023	Analysis Date: 3/17/2023		SeqNo: 3449976		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.1	70	130			
Surr: BFB	1900		1000		186	37.7	212			

Sample ID: mb-73686	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 73686		RunNo: 95373							
Prep Date: 3/14/2023	Analysis Date: 3/17/2023		SeqNo: 3449977		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		92.2	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: lcs-73674	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 73674			RunNo: 95308						
Prep Date: 3/13/2023	Analysis Date: 3/16/2023			SeqNo: 3448410		Units: mg/Kg				
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: mb-73674	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 73674			RunNo: 95308						
Prep Date: 3/13/2023	Analysis Date: 3/16/2023			SeqNo: 3448534		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		92.6	70	130			

Sample ID: LCS-73675	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 73675			RunNo: 95315						
Prep Date: 3/13/2023	Analysis Date: 3/16/2023			SeqNo: 3448608		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.7	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: mb-73675	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 73675			RunNo: 95315						
Prep Date: 3/13/2023	Analysis Date: 3/16/2023			SeqNo: 3448609		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.3	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: LCS-73706	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 73706			RunNo: 95348						
Prep Date: 3/14/2023	Analysis Date: 3/17/2023			SeqNo: 3448840		Units: %Rec				
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: mb-73706	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 73706			RunNo: 95348						
Prep Date: 3/14/2023	Analysis Date: 3/17/2023			SeqNo: 3448841		Units: %Rec				
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: lcs-73686	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 73686			RunNo: 95373						
Prep Date: 3/14/2023	Analysis Date: 3/17/2023			SeqNo: 3450049		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.4	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: mb-73686	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 73686			RunNo: 95373						
Prep Date: 3/14/2023	Analysis Date: 3/17/2023			SeqNo: 3450050		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		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: *gn 3/10/23*

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *KPK 3.10.23*

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.0	Good	Yes	Yogi		

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

Standard ☒ Rush EOG 5 DAY TAR

Project Name:

STARX BG BATTERY

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice: ☒ Yes ☐ No 40g

of Coolers: 1

Cooler Temp (including CF): 5.0 - 0 = 5.0 °C

Container Type and #

Preservative Type

HEAL No.

2303585

1x40L Jar

ICE

001

002

003

004

005

006

007

008

009

010

011

012

013

014

015

016

017

018

019

020

021

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Record

Full-Amount Title:

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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

Standard ☒ Rush EOG SOAY TAT
Project Name: STARX BG BATTERY
Project #: 5375
Project Manager: W. Kierdorf
Sampler: J. Martinez
On Ice: ☒ Yes ☐ No 4091
of Coolers: 1
Cooler Temp (including CF): 50-0-50°C
Container Type and # B-25 Preservative Type ICE HEAL No. 2303505
Date Time Matrix Sample Name
3-8-23 1310 Soil B-25
1312 B-26
1357 B-27
1400 B-28
1403 B-29
1405 B-30
1407 B-31
1409 B-32
1412 B-33
1415 B-34
1447 B-35
1459 B-36
Date Time Relinquished by: [Signature]
3-9-23 0800
Date Time Relinquished by: [Signature]
3-9-23 1900

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
3-8-23	1310	Soil	B-25	12402 Jar	ICE	025	X	X	X
	1312		B-26			026			
	1357		B-27			027			
	1400		B-28			028			
	1403		B-29			029			
	1405		B-30			030			
	1407		B-31			031			
	1409		B-32			032			
	1412		B-33			033			
	1415		B-34			034			
	1447		B-35			035			
	1459		B-36			036			

Analysis Request

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

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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	880	60		mg/Kg	20	3/30/2023 2:13:48 PM	74020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2000	60		mg/Kg	20	3/30/2023 2:51:01 PM	74020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1100	60		mg/Kg	20	3/30/2023 4:17:54 PM	74038
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	540	60		mg/Kg	20	3/30/2023 4:30:18 PM	74038
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	520	60		mg/Kg	20	3/30/2023 4:42:42 PM	74038
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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

WO#: 2303C86

04-Apr-23

Client: EOG
Project: Stark BG Battery

Sample ID: MB-74020	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 74020	RunNo: 95700								
Prep Date: 3/30/2023	Analysis Date: 3/30/2023	SeqNo: 3463677 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-74020	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 74020	RunNo: 95700								
Prep Date: 3/30/2023	Analysis Date: 3/30/2023	SeqNo: 3463678 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Sample ID: MB-74038	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 74038	RunNo: 95700								
Prep Date: 3/30/2023	Analysis Date: 3/30/2023	SeqNo: 3463712 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-74038	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 74038	RunNo: 95700								
Prep Date: 3/30/2023	Analysis Date: 3/30/2023	SeqNo: 3463713 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
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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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2303C86

04-Apr-23

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

Sample ID: MB-74015	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 74015	RunNo: 95677								
Prep Date: 3/29/2023	Analysis Date: 3/30/2023	SeqNo: 3462620			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	69	147			

Sample ID: LCS-74015	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 74015	RunNo: 95677								
Prep Date: 3/29/2023	Analysis Date: 3/30/2023	SeqNo: 3462621			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.5	61.9	130			
Surr: DNOP	5.5		5.000		110	69	147			

Sample ID: MB-74034	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 74034	RunNo: 95677								
Prep Date: 3/30/2023	Analysis Date: 3/30/2023	SeqNo: 3463183			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.5	69	147			

Sample ID: LCS-74034	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 74034	RunNo: 95677								
Prep Date: 3/30/2023	Analysis Date: 3/30/2023	SeqNo: 3463186			Units: mg/Kg					
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: MB-74042	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 74042	RunNo: 95708								
Prep Date: 3/30/2023	Analysis Date: 3/31/2023	SeqNo: 3465049			Units: %Rec					
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: LCS-74042		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS		Batch ID: 74042		RunNo: 95708							
Prep Date: 3/30/2023		Analysis Date: 3/31/2023		SeqNo: 3465054			Units: %Rec				
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: lcs-73993	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 73993				RunNo: 95676					
Prep Date: 3/28/2023	Analysis Date: 3/30/2023				SeqNo: 3462547	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.5	70	130			
Surr: BFB	2000		1000		205	37.7	212			

Sample ID: mb-73993	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 73993				RunNo: 95676					
Prep Date: 3/28/2023	Analysis Date: 3/30/2023				SeqNo: 3462548	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		87.8	37.7	212			

Sample ID: lcs-74005	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 74005				RunNo: 95669					
Prep Date: 3/29/2023	Analysis Date: 3/30/2023				SeqNo: 3463607	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.5	70	130			
Surr: BFB	1900		1000		194	37.7	212			

Sample ID: mb-74005	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 74005				RunNo: 95669					
Prep Date: 3/29/2023	Analysis Date: 3/30/2023				SeqNo: 3463608	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		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: lcs-73993	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 73993	RunNo: 95676								
Prep Date: 3/28/2023	Analysis Date: 3/30/2023	SeqNo: 3462553 Units: mg/Kg								
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: mb-73993	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 73993	RunNo: 95676								
Prep Date: 3/28/2023	Analysis Date: 3/30/2023	SeqNo: 3462554 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.4	70	130			

Sample ID: LCS-74005	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 74005	RunNo: 95669								
Prep Date: 3/29/2023	Analysis Date: 3/30/2023	SeqNo: 3463614 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.4	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: mb-74005	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 74005	RunNo: 95669								
Prep Date: 3/29/2023	Analysis Date: 3/30/2023	SeqNo: 3463615 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.8	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: *jm 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 $>0^{\circ}\text{C}$ 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?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *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 $^{\circ}\text{C}$	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

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 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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	290	60		mg/Kg	20	4/12/2023 10:28:37 PM	74285
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	930	60		mg/Kg	20	4/12/2023 10:41:02 PM	74285
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	390	60		mg/Kg	20	4/12/2023 10:53:26 PM	74285
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	960	59		mg/Kg	20	4/12/2023 11:30:40 PM	74285
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
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
EPA METHOD 8021B: VOLATILES							Analyst: CCM
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.

Qualifiers:	*	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.		

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2304350

14-Apr-23

Client: EOG
Project: Stark BG Battery

Sample ID: MB-74285		SampType: MBLK		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 74285		RunNo: 95984						
Prep Date: 4/12/2023		Analysis Date: 4/12/2023		SeqNo: 3475711		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-74285		SampType: LCS		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 74285		RunNo: 95984						
Prep Date: 4/12/2023		Analysis Date: 4/12/2023		SeqNo: 3475712		Units: mg/Kg				
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

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QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2304350
14-Apr-23

Client: EOG
Project: Stark BG Battery

Sample ID: LCS-74270	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 74270	RunNo: 96013								
Prep Date: 4/12/2023	Analysis Date: 4/13/2023	SeqNo: 3476725	Units: mg/Kg							
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: MB-74270	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 74270	RunNo: 96013								
Prep Date: 4/12/2023	Analysis Date: 4/13/2023	SeqNo: 3476729	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		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: lcs-74262	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 74262	RunNo: 95978								
Prep Date: 4/11/2023	Analysis Date: 4/12/2023	SeqNo: 3475392 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.8	70	130			
Surr: BFB	1900		1000		192	37.7	212			

Sample ID: mb-74262	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 74262	RunNo: 95978								
Prep Date: 4/11/2023	Analysis Date: 4/12/2023	SeqNo: 3475394 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		90.6	37.7	212			

Qualifiers:

*	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: lcs-74262	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 74262	RunNo: 95978								
Prep Date: 4/11/2023	Analysis Date: 4/12/2023	SeqNo: 3475411	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	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: mb-74262	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 74262	RunNo: 95978								
Prep Date: 4/11/2023	Analysis Date: 4/12/2023	SeqNo: 3475412	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.5	70	130			

Qualifiers:

*	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.		



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: *mc4/7/23*

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

of preserved
bottles checked
for pH:
(<2 or >12 unless noted)

Adjusted? _____

Checked by: *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 $^{\circ}\text{C}$	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

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 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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1900	60		mg/Kg	20	5/1/2023 8:45:34 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	950	60		mg/Kg	20	5/1/2023 9:22:36 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1500	59		mg/Kg	20	5/1/2023 9:34:57 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	300	60		mg/Kg	20	5/1/2023 9:47:18 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1100	60		mg/Kg	20	5/1/2023 9:59:38 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1200	59		mg/Kg	20	5/1/2023 10:11:59 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	690	60		mg/Kg	20	5/1/2023 10:24:20 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1800	60		mg/Kg	20	5/1/2023 10:36:40 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4200	150		mg/Kg	50	5/2/2023 10:09:00 AM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3500	150		mg/Kg	50	5/2/2023 10:21:21 AM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2200	150		mg/Kg	50	5/2/2023 5:45:46 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	620	60		mg/Kg	20	5/1/2023 11:50:44 PM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2700	150		mg/Kg	50	5/2/2023 10:46:03 AM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	5200	300		mg/Kg	100	5/2/2023 10:58:24 AM	74674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4400	150		mg/Kg	50	5/3/2023 10:30:35 AM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1500	60		mg/Kg	20	5/2/2023 12:37:09 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	7400	300		mg/Kg	100	5/3/2023 12:59:29 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3700	150		mg/Kg	50	5/3/2023 10:43:00 AM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	8700	300		mg/Kg	100	5/3/2023 1:11:53 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	8000	300		mg/Kg	100	5/3/2023 1:24:17 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3500	150		mg/Kg	50	5/3/2023 10:55:24 AM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3400	150		mg/Kg	50	5/3/2023 11:07:48 AM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	5200	300		mg/Kg	100	5/3/2023 1:36:42 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	6800	300		mg/Kg	100	5/3/2023 1:49:07 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1300	60		mg/Kg	20	5/2/2023 2:52:55 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2800	150		mg/Kg	50	5/3/2023 11:20:13 AM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	5300	300		mg/Kg	100	5/3/2023 2:01:31 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4000	150		mg/Kg	50	5/3/2023 11:32:37 AM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1300	59		mg/Kg	20	5/2/2023 3:42:19 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1900	61		mg/Kg	20	5/2/2023 4:19:21 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1100	60		mg/Kg	20	5/2/2023 4:31:42 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1600	60		mg/Kg	20	5/2/2023 5:08:44 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	910	60		mg/Kg	20	5/2/2023 5:21:04 PM	74697
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	460	60		mg/Kg	20	5/3/2023 3:17:01 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3500	150		mg/Kg	50	5/3/2023 11:45:02 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4200	150		mg/Kg	50	5/3/2023 11:57:27 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2000	60		mg/Kg	20	5/3/2023 3:54:16 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1500	60		mg/Kg	20	5/3/2023 4:31:29 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4500	150		mg/Kg	50	5/3/2023 12:09:51 PM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1800	60		mg/Kg	20	5/3/2023 5:21:06 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1400	60		mg/Kg	20	5/3/2023 5:33:31 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2200	60		mg/Kg	20	5/3/2023 5:45:56 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	60		mg/Kg	20	5/3/2023 5:58:21 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	5300	300		mg/Kg	100	5/3/2023 2:13:56 PM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	510	60		mg/Kg	20	5/3/2023 6:23:11 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2100	60		mg/Kg	20	5/3/2023 6:35:36 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	350	60		mg/Kg	20	5/3/2023 6:48:00 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	720	60		mg/Kg	20	5/3/2023 7:00:25 AM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	5600	150		mg/Kg	50	5/3/2023 12:22:16 PM	74706
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

Qualifiers:	*	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.		

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

WO#: 2304A78

08-May-23

Client: EOG
Project: Stark BG Battery

Sample ID: MB-74674	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 74674	RunNo: 96419								
Prep Date: 5/1/2023	Analysis Date: 5/1/2023	SeqNo: 3494434 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-74674	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 74674	RunNo: 96419								
Prep Date: 5/1/2023	Analysis Date: 5/1/2023	SeqNo: 3494435 Units: mg/Kg								
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: MB-74706	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 74706	RunNo: 96479								
Prep Date: 5/2/2023	Analysis Date: 5/3/2023	SeqNo: 3495826 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-74706	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 74706	RunNo: 96479								
Prep Date: 5/2/2023	Analysis Date: 5/3/2023	SeqNo: 3495827 Units: mg/Kg								
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: MB-74697	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 74697	RunNo: 96480								
Prep Date: 5/2/2023	Analysis Date: 5/2/2023	SeqNo: 3495973 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-74697	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 74697	RunNo: 96480								
Prep Date: 5/2/2023	Analysis Date: 5/2/2023	SeqNo: 3495974 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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: LCS-74617	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 74617			RunNo: 96349						
Prep Date: 4/27/2023	Analysis Date: 4/28/2023			SeqNo: 3490871		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.1	61.9	130			
Surr: DNOP	5.1		5.000		103	69	147			

Sample ID: MB-74617	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 74617			RunNo: 96381						
Prep Date: 4/27/2023	Analysis Date: 4/28/2023			SeqNo: 3491272		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.2		10.00		71.6	69	147			

Sample ID: LCS-74634	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 74634			RunNo: 96417						
Prep Date: 4/28/2023	Analysis Date: 4/28/2023			SeqNo: 3492732		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	81.0	61.9	130			
Surr: DNOP	4.3		5.000		85.8	69	147			

Sample ID: MB-74634	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 74634			RunNo: 96417						
Prep Date: 4/28/2023	Analysis Date: 4/28/2023			SeqNo: 3492735		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		84.7	69	147			

Sample ID: LCS-74658	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 74658			RunNo: 96420						
Prep Date: 5/1/2023	Analysis Date: 5/1/2023			SeqNo: 3492767		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	79.7	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: MB-74658	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 74658	RunNo: 96420								
Prep Date: 5/1/2023	Analysis Date: 5/1/2023	SeqNo: 3492768 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.4		10.00		83.9	69	147			

Sample ID: LCS-74683	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 74683	RunNo: 96460								
Prep Date: 5/1/2023	Analysis Date: 5/2/2023	SeqNo: 3494832 Units: mg/Kg								
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: MB-74683	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 74683	RunNo: 96460								
Prep Date: 5/1/2023	Analysis Date: 5/2/2023	SeqNo: 3494836 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		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: lcs-74644	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 74644			RunNo: 96418						
Prep Date: 4/28/2023	Analysis Date: 5/1/2023			SeqNo: 3493108		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.7	70	130			
Surr: BFB	4700		1000		475	37.7	212			S

Sample ID: mb-74644	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 74644			RunNo: 96418						
Prep Date: 4/28/2023	Analysis Date: 5/1/2023			SeqNo: 3493109		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	760		1000		75.8	37.7	212			

Sample ID: lcs-74675	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 74675			RunNo: 96456						
Prep Date: 5/1/2023	Analysis Date: 5/2/2023			SeqNo: 3494472		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.8	70	130			
Surr: BFB	4600		1000		462	37.7	212			S

Sample ID: mb-74675	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 74675			RunNo: 96456						
Prep Date: 5/1/2023	Analysis Date: 5/2/2023			SeqNo: 3494473		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	660		1000		65.8	37.7	212			

Sample ID: mb-74613	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 74613			RunNo: 96448						
Prep Date: 4/27/2023	Analysis Date: 5/1/2023			SeqNo: 3494775		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		85.7	37.7	212			

Sample ID: lcs-74613	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 74613			RunNo: 96448						
Prep Date: 4/27/2023	Analysis Date: 5/1/2023			SeqNo: 3494776		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of 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: ics-74613	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 74613			RunNo: 96448						
Prep Date: 4/27/2023	Analysis Date: 5/1/2023			SeqNo: 3494776		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	82.0	70	130			
Surr: BFB	1900		1000		188	37.7	212			

Sample ID: ics-74628	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 74628			RunNo: 96481						
Prep Date: 4/27/2023	Analysis Date: 5/2/2023			SeqNo: 3496225		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.0	70	130			
Surr: BFB	1900		1000		187	15	244			

Sample ID: mb-74628	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 74628			RunNo: 96481						
Prep Date: 4/27/2023	Analysis Date: 5/2/2023			SeqNo: 3496226		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		88.8	15	244			

Sample ID: ics-74716	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 74716			RunNo: 96491						
Prep Date: 5/2/2023	Analysis Date: 5/3/2023			SeqNo: 3497531		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	4700		1000		474	15	244			S

Sample ID: mb-74716	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 74716			RunNo: 96491						
Prep Date: 5/2/2023	Analysis Date: 5/3/2023			SeqNo: 3497532		Units: %Rec				
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: LCS-74644	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 74644			RunNo: 96418						
Prep Date: 4/28/2023	Analysis Date: 5/1/2023			SeqNo: 3493111		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.4	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: mb-74644	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 74644			RunNo: 96418						
Prep Date: 4/28/2023	Analysis Date: 5/1/2023			SeqNo: 3493112		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	70	130			

Sample ID: LCS-74675	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 74675			RunNo: 96456						
Prep Date: 5/1/2023	Analysis Date: 5/2/2023			SeqNo: 3494476		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.3	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: mb-74675	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 74675			RunNo: 96456						
Prep Date: 5/1/2023	Analysis Date: 5/2/2023			SeqNo: 3494477		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		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: mb-74613	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 74613	RunNo: 96448								
Prep Date: 4/27/2023	Analysis Date: 5/1/2023	SeqNo: 3494774 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.9	70	130			

Sample ID: lcs-74613	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 74613	RunNo: 96448								
Prep Date: 4/27/2023	Analysis Date: 5/1/2023	SeqNo: 3494814 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.0	80	120			
Toluene	0.87	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: lcs-74628	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 74628	RunNo: 96481								
Prep Date: 4/27/2023	Analysis Date: 5/2/2023	SeqNo: 3496273 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.4	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: mb-74628	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 74628	RunNo: 96481								
Prep Date: 4/27/2023	Analysis Date: 5/2/2023	SeqNo: 3496274 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.7	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: LCS-74716	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 74716	RunNo: 96491								
Prep Date: 5/2/2023	Analysis Date: 5/3/2023	SeqNo: 3497569	Units: %Rec							
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: mb-74716	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 74716	RunNo: 96491								
Prep Date: 5/2/2023	Analysis Date: 5/3/2023	SeqNo: 3497570	Units: %Rec							
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

Page 57 of 57



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 ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: 7/4/28/23

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.7	Good	Yes	Yogi		

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

Sampler: W. Kierdorf & R. Woodburn

On Ice: ☒ Yes ☐ No 400g

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.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
4/24/23	1523	Soil	EB-13	1 x 40z jar	Ice	2304A78	X	X	X
	1525	Soil	EB-14	1 x 40z jar	Ice	014	X	X	X
	1527	Soil	EB-15	1 x 40z jar	Ice	015	X	X	X
	1529	Soil	EB-16	1 x 40z jar	Ice	016	X	X	X
	1530	Soil	EB-17	1 x 40z jar	Ice	017	X	X	X
	1532	Soil	EB-18	1 x 40z jar	Ice	018	X	X	X
	1533	Soil	EB-19	1 x 40z jar	Ice	019	X	X	X
	1535	Soil	EB-20	1 x 40z jar	Ice	020	X	X	X
	1537	Soil	EB-21	1 x 40z jar	Ice	021	X	X	X
		Soil	EB-22	1 x 40z jar	Ice	WALK 4/24	X	X	X
	1539	Soil	EB-23	1 x 40z jar	Ice	022	X	X	X
	1541	Soil	EB-24	1 x 40z jar	Ice	023	X	X	X

Date: 4/25/23 0817

Relinquished by: [Signature]

Date: 4/25/23 1902

Relinquished by: [Signature]

Received by: [Signature]

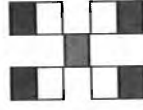
Date: 4/25/23 0817

Received by: [Signature]

Date: 4/26/23 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

Analysis Request

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
4/24/23	1542	Soil	EB-25	1 x 40z jar	Ice	024
	1544	Soil	EB-26	1 x 40z jar	Ice	025
	1546	Soil	EB-27	1 x 40z jar	Ice	026
	1549	Soil	EB-28	1 x 40z jar	Ice	027
	1552	Soil	EB-29	1 x 40z jar	Ice	028
	1555	Soil	EB-30	1 x 40z jar	Ice	029
	1559	Soil	EB-31	1 x 40z jar	Ice	030
	1601	Soil	EB-32	1 x 40z jar	Ice	031
	1603	Soil	EB-33	1 x 40z jar	Ice	032
	1606	Soil	EB-34	1 x 40z jar	Ice	033
	1608	Soil	EB-35	1 x 40z jar	Ice	034
	1609	Soil	EB-36	1 x 40z jar	Ice	035

Date: 4/25/23 0817

Date: 4/25/23 1900

Relinquished by:

Relinquished by:

Turn-Around Time:

☒ Standard

☒ Rush 5 Day EOG TAT

Project Name: Stark BG Battery

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf & C. Woodburn

On Ice: ☒ Yes ☐ No 40gi

of Coolers: 1

Cooler Temp (including CF): 3.8-0.1 = 3.7°

Analysis Request

Container Type and #	Preservative Type	HEAL No.	BTX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
1 x 40z jar	Ice	024	X	X	X
1 x 40z jar	Ice	025	X	X	X
1 x 40z jar	Ice	026	X	X	X
1 x 40z jar	Ice	027	X	X	X
1 x 40z jar	Ice	028	X	X	X
1 x 40z jar	Ice	029	X	X	X
1 x 40z jar	Ice	030	X	X	X
1 x 40z jar	Ice	031	X	X	X
1 x 40z jar	Ice	032	X	X	X
1 x 40z jar	Ice	033	X	X	X
1 x 40z jar	Ice	034	X	X	X
1 x 40z jar	Ice	035	X	X	X

Remarks: Bill to EOG Artesia

Received by: Via: Date: 4/25/23 817

Received by: Via: Date: 4/26/23 7:36



4901 Hawkins NE - Albuquerque, NM 87109

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

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Turn-Around Time:

☒ Standard☒ Rush ENG-5 DAY TAR

Project Name: Stark BG Battery

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**

On Ice: ☒ Yes ☐ No

■ EDD (Type) Excel

Cooler Temp (including CF): 39-0.1-23.2

Date	Time	Matrix	Sample Name	Cooler Temp (including CF): 3.8-0.1 = 3.7°			HEAL No.	BTEx (8021	TFH: 8015D)	Chloride (EF
				Container Type and #	Preservative Type					
4/24/23	1611	Soil	EB-37	1 x 40z jar	Ice		2304A78	X	X	X
	1613	Soil	EB-38	1 x 40z jar	Ice		637	X	X	X
	1615	Soil	EB-39	1 x 40z jar	Ice		038	X	X	X
	1617	Soil	EB-40	1 x 40z jar	Ice		039	X	X	X
	1620	Soil	EB-41	1 x 40z jar	Ice		040	X	X	X
	1622	Soil	EB-42	1 x 40z jar	Ice		041	X	X	X
	1624	Soil	EB-43	1 x 40z jar	Ice		042	X	X	X
	1627	Soil	EB-44	1 x 40z jar	Ice		043	X	X	X
	1629	Soil	EB-45	1 x 40z jar	Ice		044	X	X	X
	1631	Soil	EB-46	1 x 40z jar	Ice		045	X	X	X
	1633	Soil	EB-47	1 x 40z jar	Ice		046	X	X	X
	1635	Soil	EB-48	1 x 40z jar	Ice		047	X	X	X

Date:	Time:	Relinquished by:
-------	-------	------------------

Received by:	Via:
--------------	------

Date _____ Time _____

Date:	Time:	Relinquished by:
-------	-------	------------------

Received by: Via:

Date _____ Time _____

Remarks: Bill to EOG Artesia

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Turn-Around Time:

☐ Standard

☒ Rush 5 DAY EOG TAT

Project Name: Stark BG Battery	
--------------------------------	--

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

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Date	Time	Matrix	Sample Name
------	------	--------	-------------

4/21/67	1572	Soil
---------	------	------

Soil	EB-49
------	-------

س	س	س
---	---	---

Soil
EB-50

Date:	Time:
-------	-------

Relinquished by:

Date _____ Time _____

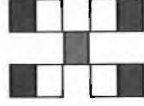
Date _____ Time _____

Date:	Time:
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Relinquished by:

Date _____ Time _____

Date _____ Time _____



HALL ENVIRONMENTAL ANALYSIS LABORATORY

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

[illegible]

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

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 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 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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	880	60		mg/Kg	20	5/31/2023 9:32:01 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1000	60		mg/Kg	20	5/31/2023 9:44:26 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

Page 2 of 17

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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	860	60		mg/Kg	20	5/31/2023 10:21:39 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	910	60		mg/Kg	20	5/31/2023 10:34:04 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

Page 4 of 17

Analytical Report

Lab Order 2305C86

Date Reported: 6/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: EB-14/B5A

Project: Stark BG Batt

Collection Date: 5/23/2023 10:28:00 AM

Lab ID: 2305C86-005

Matrix: SOIL

Received Date: 5/25/2023 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1100	61		mg/Kg	20	5/31/2023 10:46:29 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1400	60		mg/Kg	20	5/31/2023 10:58:53 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1400	60		mg/Kg	20	6/1/2023 12:00:55 AM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2200	150		mg/Kg	50	6/1/2023 11:45:54 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2900	150		mg/Kg	50	6/1/2023 11:58:14 PM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2300	59		mg/Kg	20	6/1/2023 12:38:10 AM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2500	150		mg/Kg	50	6/2/2023 12:10:35 AM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1500	60		mg/Kg	20	6/1/2023 1:02:58 AM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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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
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2600	150		mg/Kg	50	6/2/2023 12:22:56 AM	75263
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

Qualifiers:	*	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.		

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2305C86

05-Jun-23

Client: EOG

Project: Stark BG Batt

Sample ID: MB-75263		SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 75263		RunNo: 97118						
Prep Date: 5/31/2023		Analysis Date: 5/31/2023		SeqNo: 3526736		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75263		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 75263		RunNo: 97118						
Prep Date: 5/31/2023		Analysis Date: 5/31/2023		SeqNo: 3526737		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	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: MB-75212	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75212	RunNo: 97076								
Prep Date: 5/26/2023	Analysis Date: 5/26/2023	SeqNo: 3523780	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.8		10.00		87.8	69	147			

Sample ID: LCS-75212	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75212	RunNo: 97076								
Prep Date: 5/26/2023	Analysis Date: 5/27/2023	SeqNo: 3523781	Units: mg/Kg							
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.	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: lcs-75194	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 75194			RunNo: 97112						
Prep Date: 5/25/2023	Analysis Date: 6/1/2023			SeqNo: 3527082		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	79.3	70	130			
Surr: BFB	1900		1000		189	15	244			

Sample ID: mb-75194	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 75194			RunNo: 97112						
Prep Date: 5/25/2023	Analysis Date: 6/1/2023			SeqNo: 3527083		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	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: lcs-75194	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 75194	RunNo: 97112								
Prep Date: 5/25/2023	Analysis Date: 6/1/2023	SeqNo: 3527087	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	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: mb-75194	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 75194	RunNo: 97112								
Prep Date: 5/25/2023	Analysis Date: 6/1/2023	SeqNo: 3527088	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		84.0	39.1	146			

Qualifiers:

*	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.		



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

Juan Rojas

Completed By: Tracy Casarrubias

5/25/2023 10:14:04 AM

Reviewed By:

Tracy Casarrubias 5-25-23

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by:

Tracy Casarrubias 5/25/23

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.7	Good	Yes	Morty		

Client: EOG-Artesia / Ranger Env. Project Name: STARIC BG BATT Project #: 5375

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	Container Type and #	Preservative Type	HEAL No.
5-23-23	1020	SOL	EB-14/B1A	1x4oz Jar	ICE	2305086
	1022		EB-14/B2A			001
	1024		EB-14/B3A			002
	1026		EB-14/B4A			003
	1028		EB-14/B5A			004
	1130		EB-31/B1A			005
	1132		EB-31/B2A			006
	1134		EB-31/B3A			007
	1136		EB-31/B4A			008
	1138		EB-31/B5A			009
	1140		EB-31/W1A			010
	1142		EB-31/W2A			011

Received by: Guerrero Date: 5/24/23 Time: 1130
Relinquished by: J. Martinez
Received by: Guerrero Date: 5/25/23 Time: 9:35
Relinquished by: Guerrero

Released to Imaging: 11/22/2023 2:33:24 PM

ATTACHMENT 3 – NMOCD CORRESPONDENCE

From: Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>

Sent: Thursday, September 8, 2022 3:35 PM

To: Katie Jamison <Katie.Jamison@eogresources.com>

Cc: Billings, Bradford, EMNRD <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

<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

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@emnrd.nm.gov

[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Will Kierdorf <will@rangerenv.com>

Sent: Thursday, February 2, 2023 10:02 AM

To: Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>

Cc: Chase Settle <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: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Monday, April 17, 2023 3:02 PM

To: Katie Jamison <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

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 <OCDOnline@state.nm.us>

Sent: Monday, April 17, 2023 1:44 PM

To: Katie Jamison <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 (o/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

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>

Sent: Thursday, February 2, 2023 5:59 AM

To: ood.enviro@emnrd.nm.gov

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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

Fridley 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



Artesia Division

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, February 9, 2023 5:49 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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



Artesia Division

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, February 23, 2023 5:23 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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



Artesia Division

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, March 2, 2023 6:04 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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



Artesia Division

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Tuesday, March 21, 2023 8:14 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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, March 23, 2023.

Thank you,

Miriam Morales

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, April 4, 2023 11:36 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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



Artesia Division

From: Tina Huerta <Tina_Huerta@eogresources.com>

Sent: Wednesday, April 19, 2023 4:29 PM

To: ocd.enviro@emnrd.nm.gov

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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



Artesia Division

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, May 18, 2023 12:46 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <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



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