



SITE CLOSURE REPORT

**STATE CO WATER SYSTEM (JOHNSTON BE BATTERY)
UNIT A, SECTION 8, TOWNSHIP 19S, RANGE 25E
EDDY COUNTY, NEW MEXICO
32.682719, -104.499805**

PREPARED FOR:

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

PREPARED BY:

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

MARCH 8, 2022

A blue ink signature of Patrick K. Finn, consisting of a stylized 'P' followed by a long horizontal stroke.

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

A blue ink signature of William Kierdorf, consisting of a stylized 'W' followed by several loops.

**William Kierdorf, REM
Project Manager**

TABLE OF CONTENTS

1.0	SITE LOCATION AND BACKGROUND	1
2.0	RELEASE DETAILS	2
2.1	August 2, 2013 – Agave Energy Release (2RP-1858)	2
2.2	April 12, 2016 – Yates Petroleum Release (2RP-3650)	2
2.3	Common Impact Areas	3
3.0	SITE REMEDIATION (2RP-3650): April 2016 - March 2021	3
3.1	Eastern Excavation Assessment and Confirmation Sampling – 2021	3
3.3	Property Owner Electromagnetic Survey	4
4.0	RANGER COMPLETED SITE ASSESSMENT	4
4.1	June 2021 – Electromagnetic Survey	5
4.2	August 10, 2021 Site Assessment	5
4.3	September 9, 2021 Site Assessment	6
5.0	SITE REMEDIATION AND CONFIRMATION SAMPLING	7
5.1	Hydrovac and Line Clearing Activities	7
5.2	Soil Removal Operations	7
5.3	Confirmation Soil Sampling	8
5.4	Final Confirmation Soil Sample Results	8
6.0	NORTHERN EXCAVATION WALL AND ASSESSMENT TRENCH	9
6.1	Assessment Trench Installation, Assessment and Sampling	9
6.2	Sample Results	10
7.0	CONCLUSIONS AND RECOMMENDATIONS	10

FORM C-141 (Site Closure)

FIGURES

- Topographic Map
- Area Map
- Release Impact Area Map
- Site Overview Map
- EM Survey Map (Property Owner)
- EM Survey Map (Ranger)
- Final Closure Sample Locations and Excavation Boundary (Figure prepared by GHD)
- Ranger Assessment Sample Location Map
- Final Confirmation Sample Location Map (Ranger)
- Northwest Assessment Trench Sample Location Map

TABLES

- Summary of Soil Analytical Data (Prepared by GHD)
- Site Assessment Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data
- Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data
- Northwest Assessment Trench Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

ATTACHMENTS

- Attachment 1 – 2RP-3650 NMOCD Documents
- Attachment 2 – 2RP-1858 NMOCD Documents
- Attachment 3 – Photographic Documentation
- Attachment 4 – Laboratory Analytical Reports
- Attachment 5 – Howell Ranch Seed Mixture



**SITE CLOSURE REPORT
STATE CO WATER SYSTEM (JOHNSTON BE BATTERY)
UNIT A, SECTION 8, TOWNSHIP 18S, RANGE 25E
EDDY COUNTY, NEW MEXICO
32.682719, -104.499805
RANGER REFERENCE NO. 5375**

1.0 SITE LOCATION AND BACKGROUND

The State CO Water System (Johnston BE Battery) is located on private land, approximately 12.5 miles southwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit A, Section 8, T18S-R25E at approximate GPS coordinates 32.682719, -104.499805.

The area detailed in the following report is located immediately north-northwest of the former Johnston BE Battery facility. At the subject location, multiple underground pipelines operated by separate entities are present. Three lines are noted to be positioned approximately three feet below ground surface (bgs) and run parallel to one-another from the south-southwest to the north-northeast. The eastern-most line is the out-of-service PVC State CO Water System line. Approximately two feet west of the State CO Water System line lies an out-of-service six-inch diameter PVC gas line. Approximately 10 feet west of the two PVC lines is an active high pressure poly gas line.

The area has been subject to two documented releases with separate responsible parties. On August 2, 2013, a produced water release along the then active PVC gas line operated by Agave Energy Company (Agave) occurred resulting in the release of fluids (2RP-1858). On April 12, 2016, a release occurred along the State CO Water System line operated by Yates Petroleum Corporation (2RP-3650). Details regarding the releases are provided in Section 2.0, below.

Since the occurrence of the documented releases, ownership of the underground lines and responsibility for the subject releases has changed. In 2016 Agave was acquired by Lucid Energy group (Lucid) and in November 2021, Lucid was acquired by Durango Midstream LLC (Durango). In September 2016, Yates Petroleum Corporation (Yates) was acquired by EOG Resources, Inc. (EOG).

In May 2021, EOG engaged Ranger Environmental Services, Inc. (Ranger) to assist in the on-going remediation efforts associated with the April 12, 2016 release (2RP-3650). The following report has been prepared to document the actions undertaken to address the impacts associated with this release.

A *Topographic Map* and *Area Map* noting the location of the subject site and surrounding areas is attached. A *Site Overview Map* is attached which illustrates the locations of the above-discussed underground lines and release locations.

2.0 RELEASE DETAILS

2.1 August 2, 2013 – Agave Energy Release (2RP-1858)

On April 2, 2013, a release of produced water was discovered along a six-inch PVC gas line north of the Johnston BE Battery. The incident was reported to the NMOCD and was assigned the identification number 2RP-1858.

Upon review of the NMOCD online portal, information for the incident is limited to an initial Form C-141. No remediation plan, remediation documentation, closure report, final Form C-141, or NMOCD incident closure approval are available for the incident. A limited number of photos of the incident, collected by Yates representatives, were available in internal files. As such, information concerning the extent of the impacts associated with the release are limited to a small number of photographs and aerial images available for the area. The extent of the remediation activities that were completed, and the final conditions of the impacted areas, are unknown.

It should be noted that the initial release notifications and Form C-141 were completed by representatives for Yates; however, Agave was ultimately determined to be responsible for the release incident since the release occurred from a gas line that was being operated by Agave at the time of the release. The produced water release volume was initially reported as 1,100 bbls released with 1,040 bbls recovered, but was revised on August 5, 2013 to 70 bbls released with no recovery.

The location of the release has also been subject to conflicting information. Based on an email included with the initial Form C-141, the GPS coordinates of the release location were reported to be 32.68261, -104.50022 (“*Reported Agave Release Location*”). However, based upon discussions with Agave/Lucid personnel and property owner representatives who were on-site at the time of the release, the release location was in the immediate vicinity of GPS coordinates 32.682999, -104.500045 (“*Field Reported Agave Release Location*”). The attached *Site Overview Map* illustrates the locations of the “*Reported Agave Release Location*” and the “*Field Reported Agave Release Location*.”

2.2 April 12, 2016 – Yates Petroleum Release (2RP-3650)

On April 12, 2016, a release was discovered along the State CO Water System line at a location immediately north-northwest of the Johnston BE Battery. At the time of the release, the subject line was noted to be out-of-service as it was isolated by a closed valve. Upon investigation, it appeared that an unknown party, not associated with Yates, had opened the valve allowing fluids to pass into the line. The release volume associated with the incident was estimated to be approximately 30 bbls of produced water. During the initial response, approximately 15 bbls of produced water were reportedly recovered. Soil removal operations were also completed in the observed impact area to depths of approximately eight inches to one foot below ground surface (bgs).

A map of the impacted area was prepared during the performance of the initial response actions. The impacted area was illustrated to be oblong in shape, with the release having primarily migrated to the northeast of the release location. During subsequent remedial activities, the impacted area was addressed in two portions. The eastern portion of the impact area was dubbed the “*Eastern Impact/Excavation Area*,” and the western portion of the impact area was dubbed

the “*Western Impact/Excavation Area*.” The attached “*Site Overview Map*” illustrates these two areas.

Immediate notice of the release was given to the NMOCD on April 12, 2016. A Form C-141 with an attached depiction of the documented release impact area was submitted to the NMOCD on April 15, 2021. The NMOCD assigned Incident No. 2RP-3650 to the release incident.

On May 24, 2016, following the completion of the site assessment activities, a remediation plan was submitted to the NMOCD. The plan was approved by the NMOCD on June 2, 2016.

Copies of the submitted Form C-141, Impacted Area Map, Remediation Plan, and NMOCD plan approval are attached.

2.3 Common Impact Areas

As previously discussed, documentation of the extent of the impacts associated with the August 2, 2013 2RP-1858 release is unavailable/non-existent. Based upon a review of historical aerial imagery, it appears that some of the areas impacted by this release were also impacted by the April 12, 2016 2RP-3650 release. These areas are hereafter referred to as the “common impact areas.” The common impact areas are noted to be within the “*Western Impact/Excavation Area*” of the April 12, 2016 2RP-3650 release.

Based upon the available information, it is believed that the remedial efforts associated with the August 2, 2016 2RP-3650 release have encountered historic, unaddressed impacts associated with the August 2, 2013 2RP-1858 release.

A *Release Impact Area Map* depicting the 2RP-1858 and 2RP-3650 release locations is attached. This map also illustrates the observed 2RP-3650 impact area and the potential impact area for 2RP-1858.

3.0 SITE REMEDIATION (2RP-3650): April 2016 - March 2021

As previously discussed, a remediation plan was submitted to the NMOCD in May 2016. The plan detailed the assessment activities completed at the Site and presented a proposed remediation strategy. The plan was approved by the NMOCD on May 24, 2016; however, approval from the property owner to implement the remedial plan was not granted.

Despite the lack of approval from the property owner, and to maintain compliance with NMOCD requirements and to ensure protection of the environment, EOG proceeded with the NMOCD-approved remedial efforts at the Site. The remedial efforts were targeted at bringing the affected areas into compliance with the most stringent NMAC 19.15.29.12 Table 1 Criteria.

3.1 *Eastern Excavation Assessment and Confirmation Sampling – 2021*

In March 2021, representatives for EOG initiated remedial efforts to address the impacts associated with the April 12, 2016 2RP-3650 release. Soil removal operations were initially completed to the boundaries identified in the NMOCD-approved remediation plan. The area was primarily excavated to a depth of approximately six feet bgs. The primary focus of the remedial activities was on the “*Eastern Impact/Excavation Area*” as this area did not appear to share any “common impact areas” with the August 2, 2013 2RP-1858 release.

From March 16th through April 1st, 2021, representatives of EOG and GHD conducted soil removal operations and collected cleanup confirmation soil samples for laboratory analysis from the “*Eastern Impact/Excavation Area*.” The excavated area had maximum dimensions of approximately 170 feet in length by 93 feet in width. Cleanup confirmation soil samples were collected by representatives of GHD from the excavation base and sidewalls in accordance with NMAC 19.15.29.12, as five-part composite samples with each sample representing no more than 200 square feet. The samples collected for laboratory analysis were submitted to Hall Environmental Laboratory 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.

Upon review of the results of the final sampling activities conducted by GHD, soil concentrations in the “*Eastern Impact/Excavation Area*” were documented to be below the most stringent NMAC 19.15.29.12 Table 1 Criteria for BTEX, TPH and chloride. The attached sample results table (*State CO-Johnston BE Summary of Soil Analytical Data*), prepared by GHD, summarizes the results of the analyses of the cleanup confirmation soil samples. A *Final Sample Locations and Excavation Boundary* map prepared by GHD is also attached which depicts the excavation boundaries and sample locations for the “*Eastern Impact/Excavation Area*.”

3.3 Property Owner Electromagnetic Survey

In April 2021, EOG received information from the property owner (Howell Ranch) that an Electromagnetic Survey (EM) had been completed by a third-party consultant. Information from the survey provided to EOG was limited and included a contoured map image with corresponding conductivity readings color bar, and an aerial image of the site from an unknown date. The equipment utilized, depth of investigation, units of conductivity measurement, and relation to soil chloride concentrations for the subject survey was not supplied to EOG.

At the time that the EM survey was reportedly completed at the Site, a temporary metal fence was reported to be present surrounding the excavated area. It appears that the fence was left in place during the performance of the EM survey activities as a data gap is present between the excavated area and the approximate location of the fence. The property owner supplied EM survey data also appeared to depict elevated conductivity readings along the northern, western and southwestern boundaries of the fenced area surrounding the 2RP-3650 excavation.

An additional and separate area of elevated conductivity readings was also indicated in the property owner EM survey data to the north-northeast of the 2RP-3650 excavated area in the vicinity of the “*Field Reported Agave Release Location*.” This potential affected area did not appear to be related to the 2RP-3650 release incident since no elevated conductivity readings were indicated between this apparent affected area and the area of elevated conductivity readings present along the north side of the 2RP-3650 excavation area.

An EM Survey Map, depicting the information provided to EOG by the property owner, is attached. This map was prepared by Ranger utilizing the limited EM survey information supplied by the property owner.

4.0 RANGER COMPLETED SITE ASSESSMENT

In May 2021, EOG engaged Ranger to assist in the ongoing remedial efforts at the Site. The remedial efforts were focused on the “*Western Impact/Excavation Area*.”



4.1 June 2021 - Electromagnetic Survey

Since the property owner-supplied EM data did not include information concerning the equipment utilized, depth of investigation, units of conductivity measurement, relation to soil chloride concentrations, etc., EOG requested Ranger conduct an additional EM survey at the Site in order to confirm the property owner EM survey results. On June 9, 2021, Ranger utilized a Geonics EM-31DL Ground Conductivity Meter (GCM) to conduct the EM survey. The EM survey encompassed the entire area surrounding both the "*Eastern Impact/Excavation Area*" and the "*Western Impact/Excavation Area*," as well as the area surrounding the "*Field Reported Agave Release Location*." Prior to completing the survey, the temporary metal fence surrounding the excavated area was removed to eliminate the potential for any interference with the EM equipment.

The Geonics EM-31DL GCM measures terrain conductivity and has an effective depth-of-exploration of approximately six meters (19.685) feet below ground surface (bgs). During the site EM survey, Global Positioning Systems (GPS) equipment was utilized to position the geophysical data collected for the project. After the data was acquired, geotechnical software was utilized to process the EM information utilizing a proprietary software package and the information was contoured using Golden Software's Surfer contouring and mapping program. The attached *EM Survey Map (Ranger)* illustrates the results of Ranger's EM survey.

As illustrated on the attached *EM Survey Map (Ranger)*, areas of elevated conductivity readings were documented immediately north of the "*Western Impact/Excavation Area*" in the vicinity of the two PVC lines. Additionally, the Ranger completed EM Survey confirmed the presence of elevated conductivity readings in the vicinity of the "*Field Reported Agave Release Location*." Ranger's EM survey did not detect any significantly elevated conductivity readings in the area between the "*Field Reported Agave Release Location*" and the area of elevated conductivity immediately north of the "*Western Impact/Excavation Area*"

The Ranger EM survey also did not detect any elevated conductivity readings along the northeastern, western and southern boundaries of the fenced/excavation area as was depicted by the EM survey completed by property owner representatives. It is believed that the prior elevated EM survey readings in these areas may have been associated with interference from the metal fence that was left in place during the performance of the property owner EM survey.

Lastly, Ranger's EM survey did not detect any elevated conductivity readings between the "*Eastern Impact/Excavation Area*" and the area of elevated conductivity around the "*Field Reported Agave Release Location*." It should be noted that on the attached *EM Survey Map (Ranger)*, no colored shading is present in this area, or on the southeast side of the "*Eastern Impact/Excavation Area*," as all conductivity results in these areas were found to be below 10 mS/m.

4.2 August 10, 2021 Site Assessment

Based on Ranger's EM survey data, and to assist in determining the extent of needed soil removal operations and to further evaluate whether there was any connection between the "*Field Reported Agave Release Location*" and the "*Western Impact/Excavation Area*," additional site assessment activities were completed on August 10, 2021. The focus of the assessment activities was the area between the northern extent of the "*Western Impact/Excavation Area*" and the area of elevated conducting readings in the vicinity of the "*Field Reported Agave Release Location*."

A total of five test excavations/sampling locations were completed in the subject area ("Surf Exc" and "PT-1 through PT-4"). For safety purposes, the excavations were completed a safe distance to the east of the underground PVC lines. The initial test excavation ("Surf Exc") was completed along the northwestern wall of the existing "Western Impact/Excavation Area." The remaining test excavations ("PT-1 through PT-4") were subsequently completed to the north-northeast of the initial test excavation running parallel to the underground lines which run to the north-northeast towards the area of elevated conductivity readings surrounding the "Field Reported Agave Release Location."

During the test excavation installation process, Ranger personnel conducted field screening of the generated soils using an organic vapor monitor (OVM) and a field chloride titration kit to assist in evaluating the soil conditions and/or levels of impacts in the area. Field screening of the encountered soils was conducted at the surface and at one-foot increments to the total test excavation depths. The test excavations were completed to a maximum depth of approximately eight feet bgs.

During the test excavation installation process, soil samples were collected for laboratory analysis from the ground surface and at approximate two foot depth intervals thereafter. Upon collection, the soil samples were submitted to Hall Environmental Laboratory, in Albuquerque New Mexico for analysis of TPH using EPA Method 8015; 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.

The soil sample analytical results confirmed that elevated soil chloride concentrations were present to the north of the existing "Western Impact/Excavation Area" in the vicinity of the underground line locations. The assessment results, however, did not appear to show any connection between the impacts in this area and the apparent impacts surrounding the "Field Reported Agave Release Location."

The attached *Ranger Assessment Sample Location Map* illustrates the locations of the August 10, 2021 test excavations. The soil sample analytical results are summarized in the attached *Site Assessment Soil Sample BTEX, TPH & Chloride Analytical Data* soil analytical table. Copies of the laboratory analytical reports are also attached.

4.3 September 9, 2021 Site Assessment

To assist in determining the extent of the remaining soil impacts in the "Western Impact/Excavation Area" which required remediation, and to guide the remaining excavation activities in this area, additional assessment sampling via test excavations was completed on September 9, 2021. The assessment activities included the installation and sampling of ten additional test excavations ("RSP-1.S, RSP-1, RSP-2, RSP-SE, RSP-S, RSP-SW, RSP-SE.1, RSP-NE, RSP-NE.1, and RSP-NW").

The test excavations were completed in and around the extent of the existing excavated area. During the test excavation installation process, Ranger personnel once again conducted field screening of the generated soils using an OVM and a field chloride titration kit as described above for the August 2021 site assessment activities. The test excavations were completed to depths where the field readings indicated that soil conditions were within the most stringent Table 1 Criteria. Soil samples were subsequently collected for laboratory analysis from each test excavation.

Upon collection, the soil samples selected for laboratory analysis were submitted to Hall Environmental Laboratory in Albuquerque, New Mexico for analysis of TPH, BTEX, and total chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

The attached *Ranger Assessment Sample Location Map* illustrates the locations of the September 9, 2021 test excavations. The soil sample analytical results are summarized in the attached *Site Assessment Soil Sample BTEX, TPH & Chloride Analytical Data* soil analytical table. Copies of the laboratory analytical reports are also attached.

5.0 SITE REMEDIATION AND CONFIRMATION SAMPLING

Utilizing the information gathered during the EM survey and subsequent assessment activities, soil removal, assessment and cleanup confirmation sampling activities were completed in the “*Western Impact/Excavation Area*” from September through December 2021.

5.1 Hydrovac and Line Clearing Activities

Prior to the initiation of soil excavation in the vicinity of the underground lines, accurate line location was necessary. On September 24, 2021, hydrovac activities were initiated at the site. The activities included exposing the lines in several “pot hole” locations north and south of the existing “*Western Impact/Excavation Area*.” The exposed line locations were then utilized as guides to allow for safe excavation activities.

5.2 Soil Removal Operations

From September to December 2021, soil removal operations were completed in the western portion of the impact/excavation area at the Site. Based upon the completed assessment activities, as detailed above, soil removal operations were completed to boundaries anticipated to be below the site cleanup criteria. During the soil removal process, Ranger personnel conducted assessments of the excavated areas utilizing an OVM and field chloride titration kits. Based on the observed readings, additional excavation was completed as necessary in areas still exhibiting elevated field readings.

The soil removal process included the excavation of material from areas immediately surrounding the three underground lines noted to be within the western excavation area boundary. As the PVC water and gas lines are out-of-service, the lines were cut, capped and portions of the lines within the excavation area footprint were removed to allow for the soil excavation activities. Due to the active status of the poly high-pressure gas line, the removal of the line was deemed undesirable by the line’s operator (Lucid/Durango). As such, during the performance of the soil excavation and backfill activities in the vicinity of the high-pressure poly gas line, the line was temporarily put out-of-service for safety purposes.

To address the material immediately below the high-pressure poly gas line, excavation activities were completed in sections. The line was supported via equipment, straps, and sandbags to allow for the safe excavation of the material below the line. Excavation below the line was completed to depths where field readings indicated acceptable concentrations were present. Upon reaching these boundaries, cleanup confirmation soil samples were collected for laboratory analysis to confirm attainment of the target cleanup concentrations, and the areas were temporarily backfilled to maintain support of the high-pressure poly gas line. During the

performance of all activities conducted within 10 feet of the high-pressure poly gas line, a representative from the operator of the line (Lucid/Agave) was on-site to approve of, and witness, the completed activities.

Excavation activities in the western excavation area were ultimately completed to maximum dimensions of approximately 178 feet in length by 140 feet in width. The excavation was completed to varying depths primarily ranging from approximately 6'-14' bgs. In one location below the pipeline, excavation was completed to a maximum depth of approximately 26.5 feet bgs to address a relatively small area of elevated chloride concentrations.

The attached *Ranger Assessment Sample Location Map* illustrates the final extent of the excavation boundaries in the "Western Impact/Excavation Area."

5.3 Confirmation Soil Sampling

Throughout the remedial process, Ranger personnel conducted multiple cleanup confirmation sampling events in the excavated areas. The cleanup confirmation soil samples were collected in accordance with NMAC 19.15.29.12, as five-part composite samples, with each sample representing no more than 200 square feet. Cleanup confirmation soil sampling events were conducted on October 13th, October 19th, November 2nd, November 11th, November 18th, November 30th, December 1st, and December 13th, 2021. A total of 118 cleanup confirmation soil samples were collected by Ranger personnel during the Site remedial efforts.

It should be noted that during the remedial process, various cleanup confirmation soil samples were documented to contain chloride and/or TPH concentrations that remained in excess of the target 19.15.29.12 NMAC Table 1 Criteria. To address these areas, additional over-excavation activities were completed, and additional cleanup confirmation soil samples were collected for laboratory analysis.

All samples collected for laboratory analysis were subsequently submitted to Hall Environmental Laboratories in Albuquerque, New Mexico for analysis of TPH, BTEX, and total chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

5.4 Final Confirmation Soil Sample Results

All final cleanup confirmation soil sample results were found to be below the target site cleanup criteria except for sample NW-1 which was found to contain a 3,000 mg/Kg chloride concentration. This sample was a sidewall sample from the northwestern-most wall of the excavation in the vicinity of the out-of-service PVC lines. Since the soil removal activities at this point in time had far surpassed the extent of observed impacts documented during the initial response at the Site, the northern extent of elevated conductivity readings detected by the EM surveys, as well as the northern extent of elevated soil chloride concentrations detected in the August and September 2021 site assessment activities, further assessment of this area was completed since this impact did not appear to be related to the 2RP-3650 release incident. The assessment of this area is detailed in Section 6.0, below.

The attached *Final Confirmation Sample Location Map (Ranger)* illustrates the final boundaries of the "Western Impact/Excavation Area" excavation, and associated cleanup confirmation soil sample locations, following the completion of the September-December 2021 excavation activities. The attached soil analytical summary table (*Confirmation Soil Sample BTEX, TPH &*



Chloride Analytical Data) provides a summary of the laboratory analytical results for all samples collected by Ranger during the remediation process. Copies of the laboratory analytical reports including chain-of-custody documentation are attached.

6.0 NORTHERN EXCAVATION WALL AND ASSESSMENT TRENCH

The excavation activities in the northwestern portion of the “*Western Impact/Excavation Area*” were initially completed to boundaries anticipated to be within the target site closure criteria. However, elevated chloride concentrations remained present within the immediate vicinity of the two underground PVC lines. Multiple over-excavation events were subsequently completed in this area, yet the field chloride titrations continued to indicate the presence of elevated chloride concentrations.

The excavation activities in this area were continued until such time that the extent of the excavation in this area had far surpassed: 1) the extent of observed impacts documented during the initial response at the Site; 2) the northern extent of elevated conductivity readings detected by the EM surveys; and, 3) the northern extent of the elevated soil chloride concentrations detected during the performance of the August and September 2021 site assessment activities.

Based on the above, it was determined that additional assessment was necessary to confirm whether or not the “*Western Impact/Excavation Area*” and the area of elevated conductivity readings in the vicinity of the “*Field Reported Agave Release Location*” were connected.

6.1 Assessment Trench Installation, Assessment and Sampling

On November 23, 2021, an approximate 28' long by 4' wide by 9' deep assessment trench was installed immediately adjacent to, and on the west side of, the underground PVC lines. The trench extended from the northwestern-most boundary of the “*Western Impact/Excavation Area*” excavation until it reached the area of elevated conductivity that was documented during the EM survey to be present in the area of the “*Field Reported Agave Release Location*.”

During the installation of the assessment trench, Ranger personnel screened the soils utilizing both an OVM and field chloride titration kit. The assessment trench was initiated on the northern wall of the excavation area at assessment location NWT.O and then progressed northeastward paralleling the underground PVC lines until ending at assessment location NWT.12. A total of 13 assessment locations, spaced approximately 2'-2.5' apart, were selected for the collection of soil samples for laboratory analysis (assessment locations NWT.O through NWT.12).

At each assessment location, field screening activities were conducted at depths of approximately three, six, and nine feet bgs. The field readings collected during the trench installation process indicated that elevated chloride concentrations were present at all assessed locations. No elevated OVM readings were detected in the assessed soils.

To confirm the field screening results, individual grab soil samples were collected for laboratory analysis from each of the 13 assessment locations at the 3', 6' and 9' depth intervals. A total of 39 soil samples were submitted to Hall Environmental Laboratories in Albuquerque, New Mexico for analysis of total chloride using the aforementioned laboratory method. Since no obvious hydrocarbon impacts were observed during the trench installation process, and since there were no elevated OVM readings, only select samples were submitted for analysis of BTEX and TPH using the aforementioned laboratory methods.

The attached *Northwest Assessment Trench Sample Location Map* depicts the location of the assessment trench and the 13 assessment locations where soil samples were collected.

6.2 Sample Results

The laboratory analytical results for the samples collected from the assessment trench documented the presence of elevated chloride concentrations in every sample that was collected. All samples selected for BTEX and TPH analysis were documented to have concentrations below the laboratory detection limit for the subject constituents.

The assessment trench soil sample analytical results are summarized in the attached soil analytical table "*Northwest Assessment Trench Soil Sample BTEX, TPH & Chloride Analytical Data.*" Copies of the laboratory analytical report is also attached.

7.0 CONCLUSIONS AND RECOMMENDATIONS

- Based on the completed site assessment and remediation activities, in conjunction with the available information regarding the two area releases (2RP-1858 and 2RP-3650), it appears that historic impacts associated with the August 2, 2013 2RP-1858 release remain present at the Site. All affected soils associated with the April 12, 2016 2RP-3650 release incident appear to have been removed. The remedial activities associated with this release incident surpassed the observed and assessed extent of impacts associated with this release.
- Since the impacts associated with the April 12, 2016 2RP-3650 release incident appear to have been adequately addressed, EOG respectfully requests closure of this release incident.
- All material generated during the remedial efforts has been transported and disposed of at Lea Land disposal facility in Lea County New Mexico.
- The excavated areas were backfilled in phases as they were confirmed to be in attainment of the site closure criteria. The entirety of the excavated area associated with the remediation of the April 12, 2016 2RP-3650 release incident has been backfilled with clean fill material in accordance with NMAC 19.15.29.12 and 19.15.29.13.
- Upon closure approval from the NMOCD, the excavated area associated with the April 12, 2016 2RP-3650 release incident will be re-vegetated with the James H & Betty R Howell Revocable Trust Seed Mix.

FORM C-141

Incident ID	nAB1611035718
District RP	2RP-3650
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: 3/10/2022
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

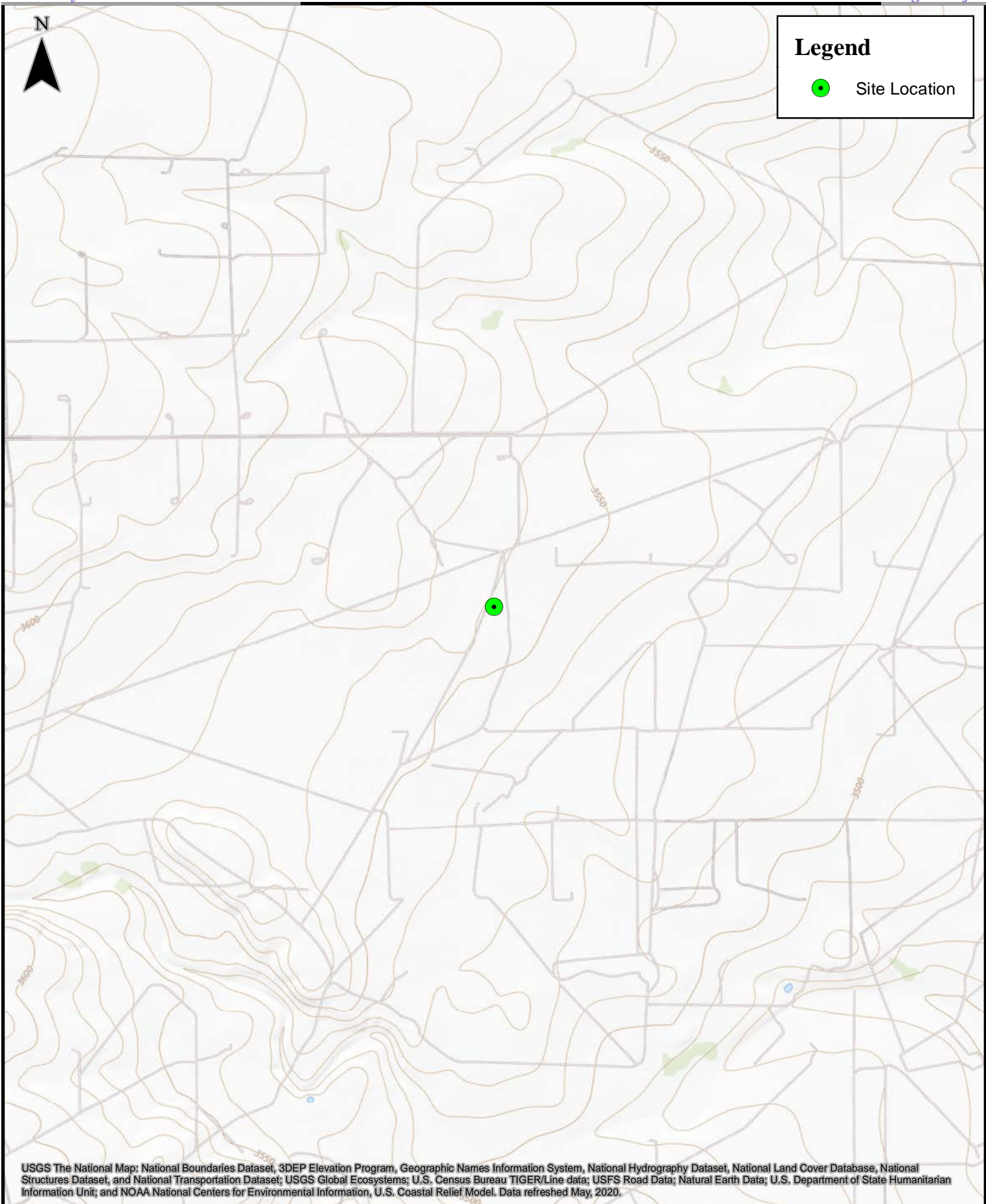
Received by: _____ Date: _____

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: Jennifer Nobui Date: 03/25/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

FIGURES

Topographic Map
Area Map
Release Impact Area Map
Site Overview Map
EM Survey Map (Property Owner) –
EM Survey Map (Ranger)
Final Closure Sample Locations and Excavation Boundary (Figure prepared
by GHD)
Ranger Assessment Sample Location Map
Final Confirmation Sample Location Map (Ranger)
Northwest Assessment Trench Sample Location Map



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

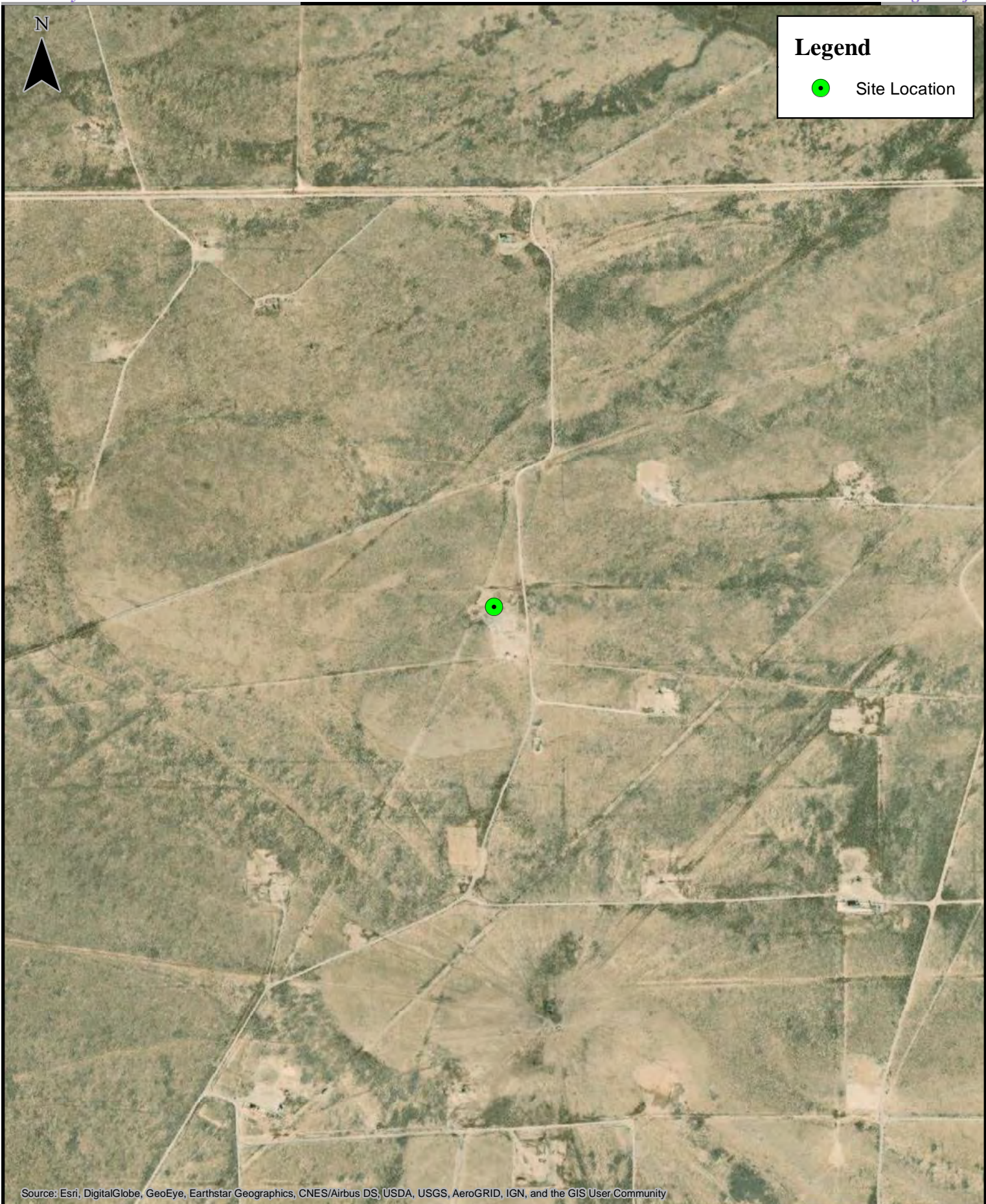


0 600 1,200 2,400 3,600 4,800 Feet

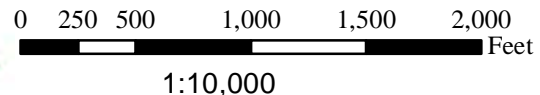
1:24,000

Topographic Map

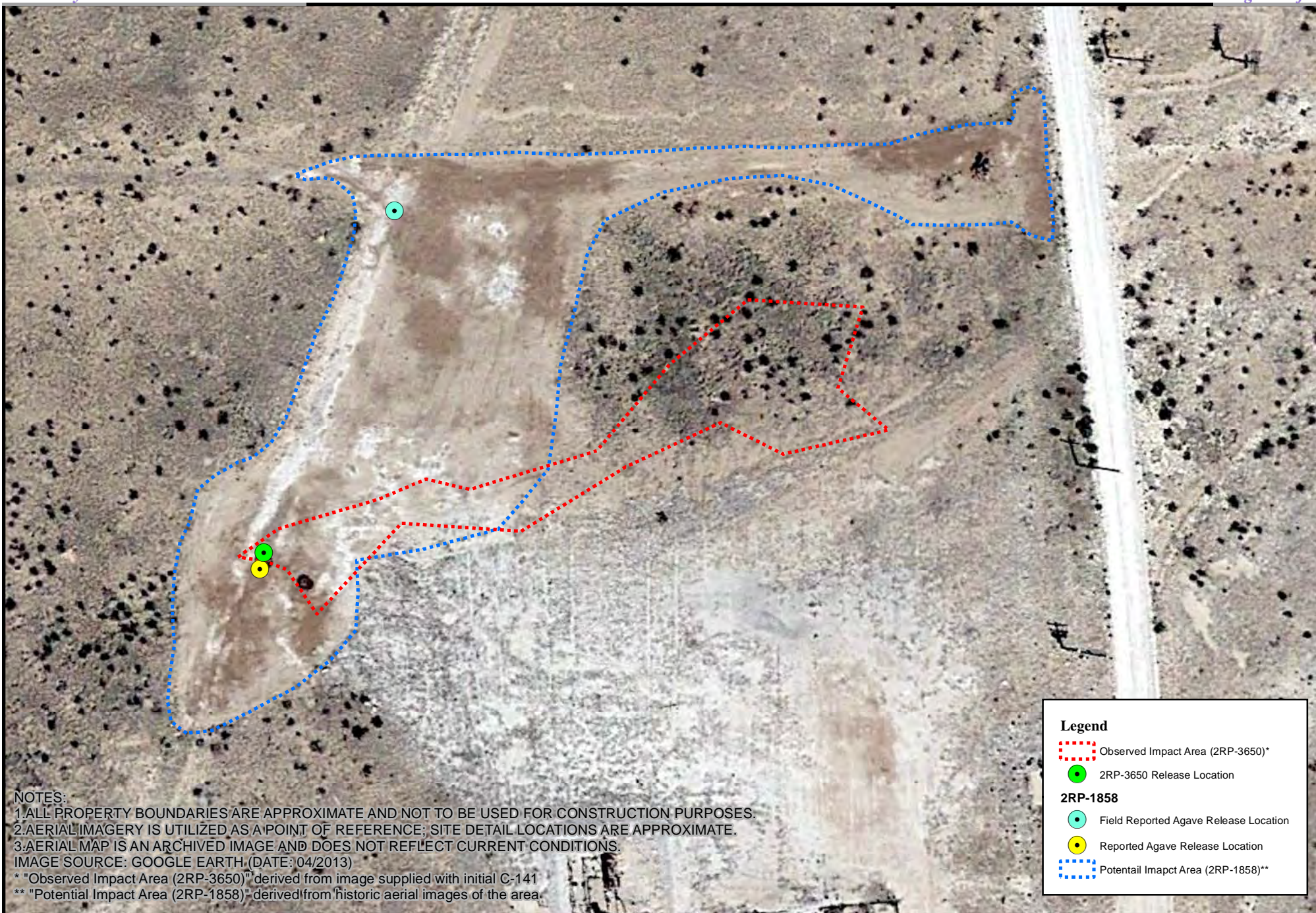
State CO Water System (Johnston BE Battery)
EOG Resources, Inc.



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



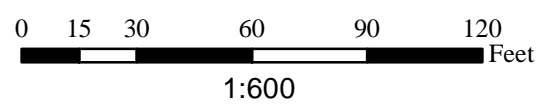
Area Map
State CO Water System (Johnston BE Battery)
EOG Resources, Inc.



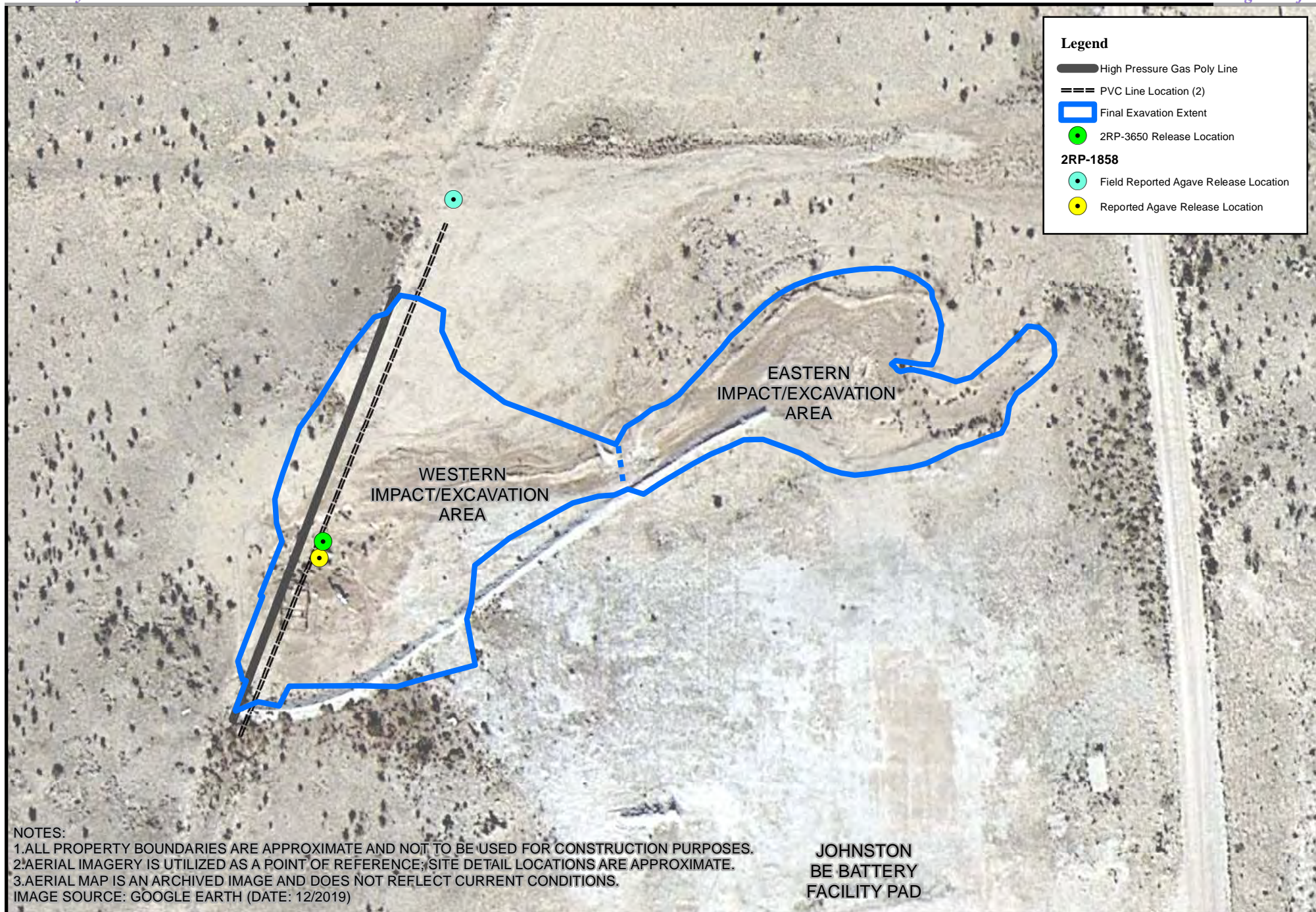
NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND DOES NOT REFLECT CURRENT CONDITIONS.
 IMAGE SOURCE: GOOGLE EARTH. (DATE: 04/2013)
 * "Observed Impact Area (2RP-3650)" derived from image supplied with initial C-141
 ** "Potential Impact Area (2RP-1858)" derived from historic aerial images of the area.

Legend

- ⋯ Observed Impact Area (2RP-3650)*
- 2RP-3650 Release Location
- 2RP-1858**
- Field Reported Agave Release Location
- Reported Agave Release Location
- ⋯ Potential Impact Area (2RP-1858)**



Release Impact Area Map
 State CO Water System (Johnston BE Battery)
 EOG Resources, Inc.



Legend

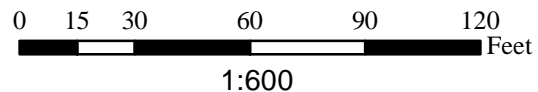
- High Pressure Gas Poly Line
- PVC Line Location (2)
- Final Excavation Extent
- 2RP-3650 Release Location

2RP-1858

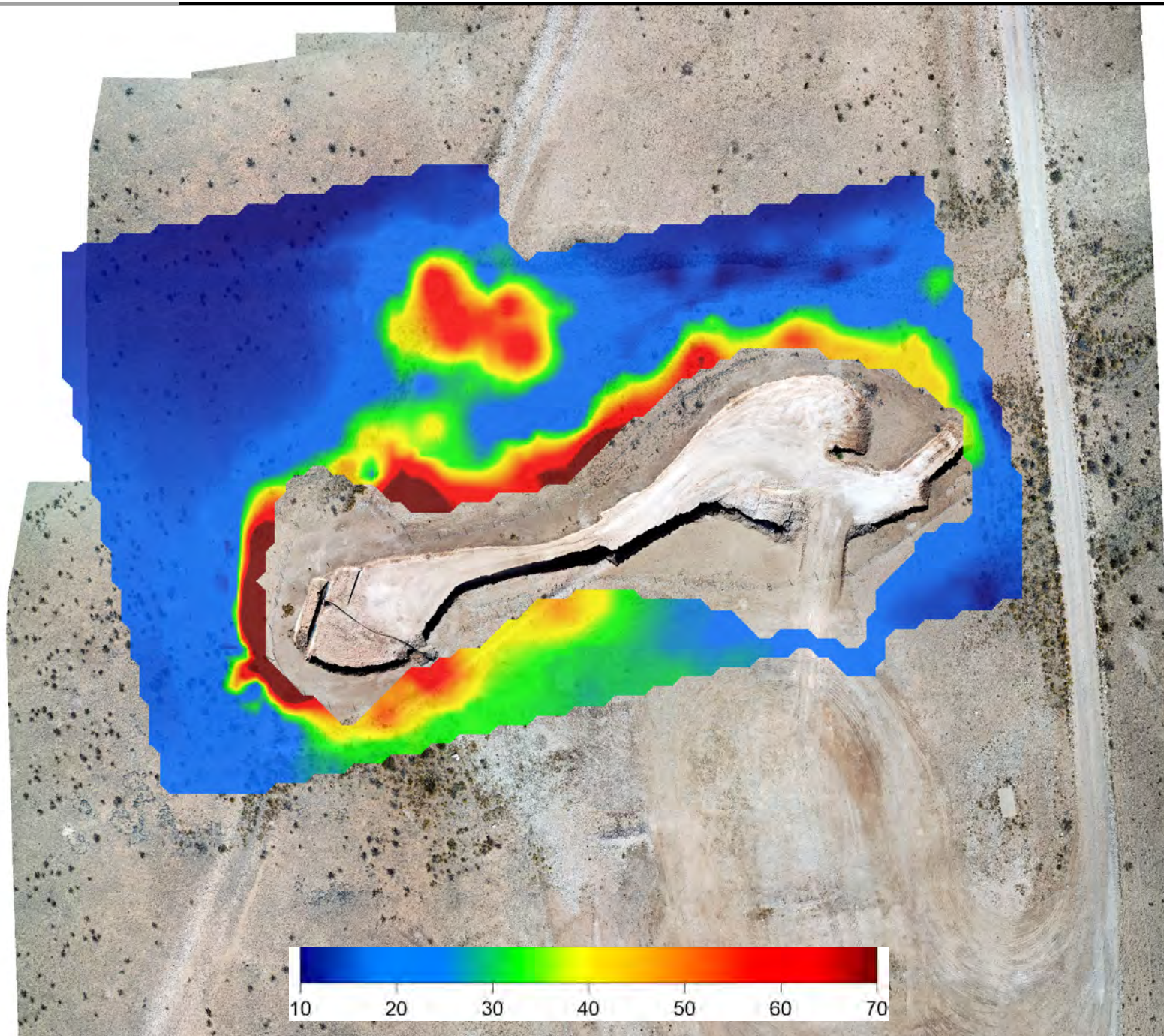
- Field Reported Agave Release Location
- Reported Agave Release Location

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 DOES NOT REFLECT CURRENT CONDITIONS.
 IMAGE SOURCE: GOOGLE EARTH (DATE: 12/2019)

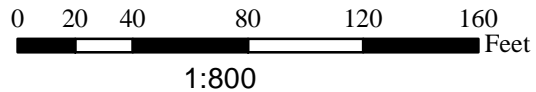
JOHNSTON
 BE BATTERY
 FACILITY PAD



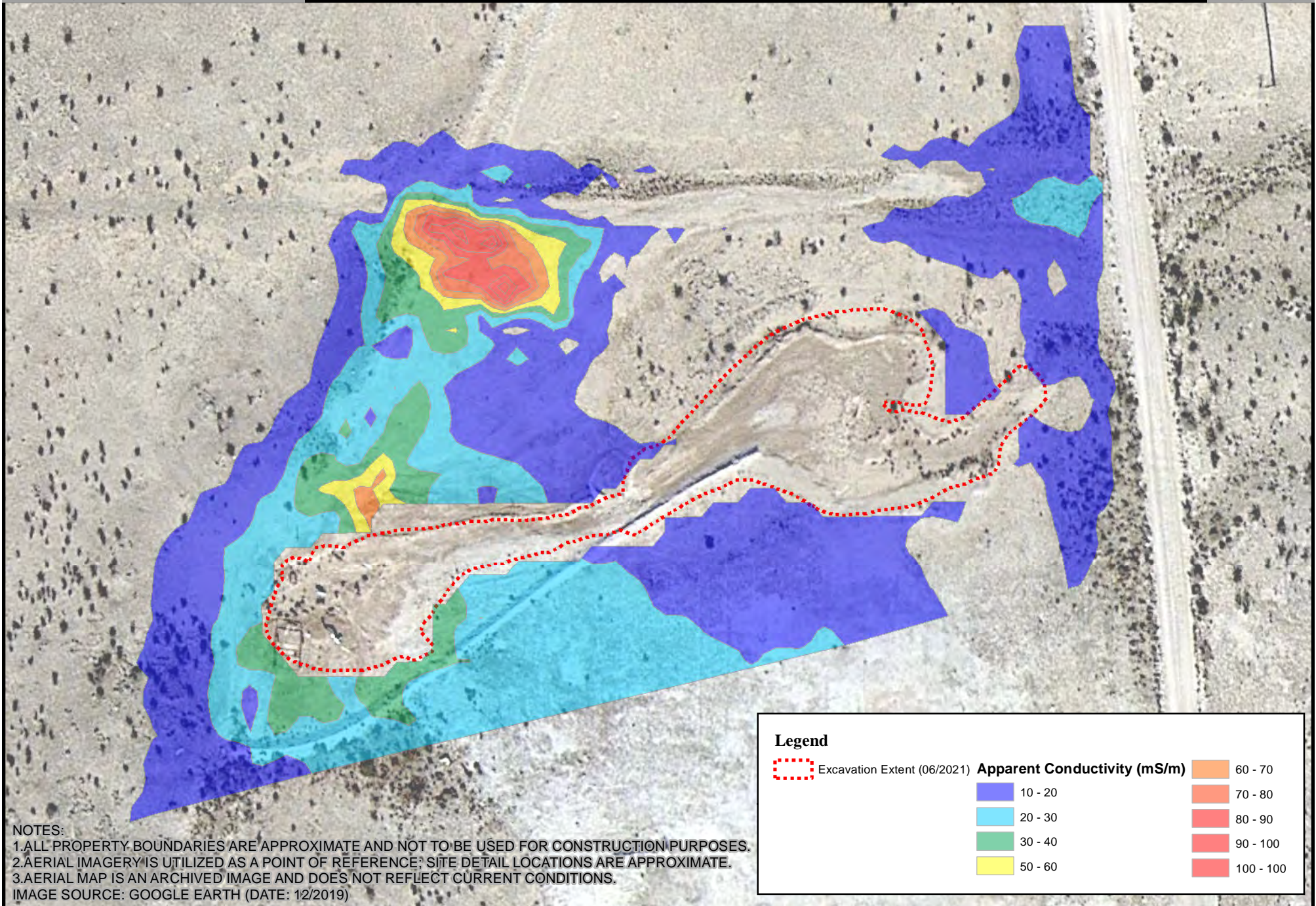
Site Overview Map
 State CO Water System (Johnston BE Battery)
 EOG Resources, Inc.



*This map was prepared by Ranger Environmental Services, Inc. based on limited data provided to EOG via the landowner.











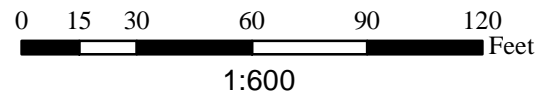
Johnston BE Battery
EM Survey Map (Property Owner)
EOG Resources, Inc.



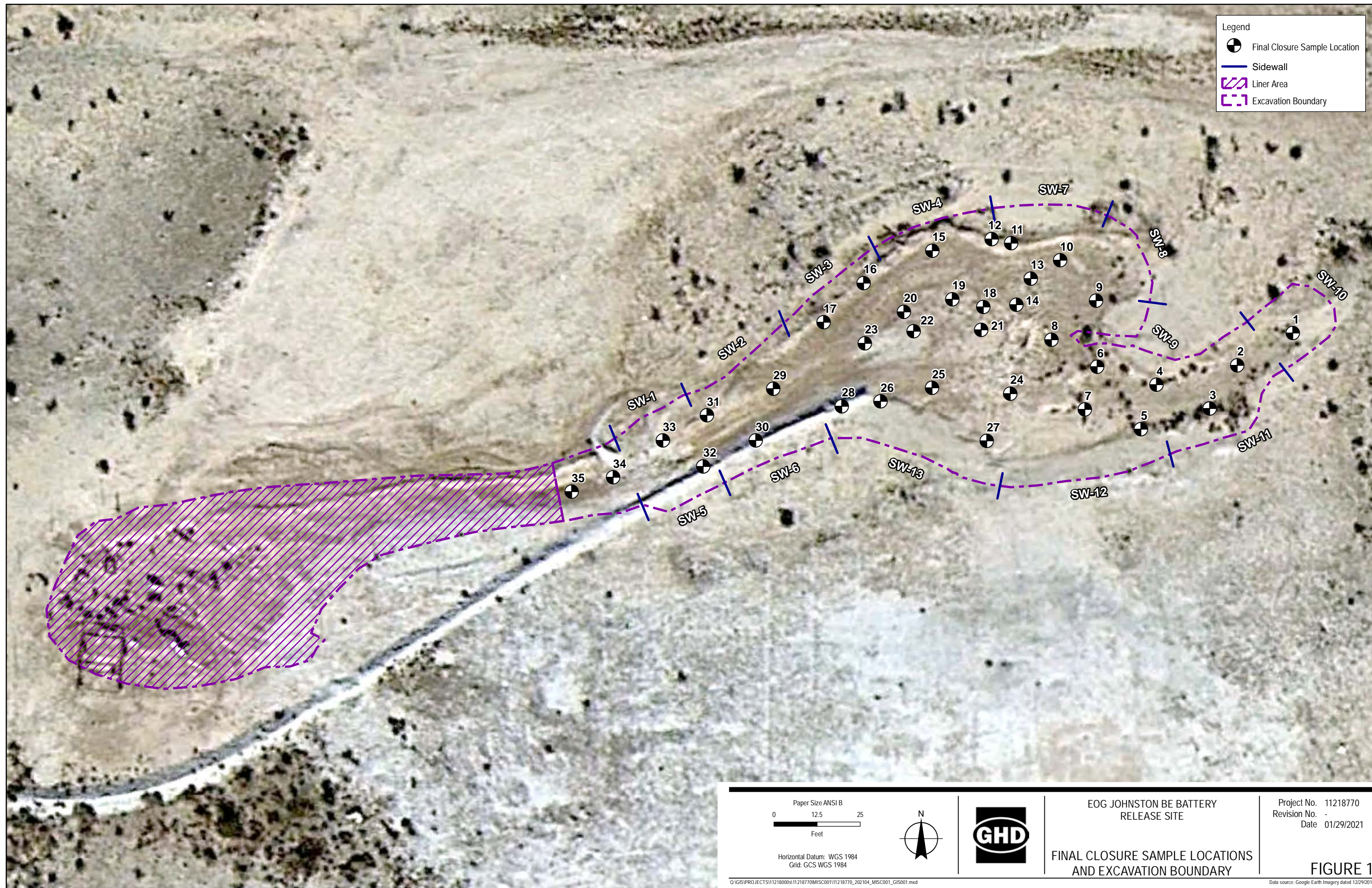
NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND DOES NOT REFLECT CURRENT CONDITIONS.
 IMAGE SOURCE: GOOGLE EARTH (DATE: 12/2019)

Legend

	Excavation Extent (06/2021)	Apparent Conductivity (mS/m)		60 - 70
				70 - 80
				80 - 90
				90 - 100
				100 - 100

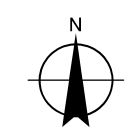
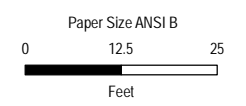


EM Survey Map (Ranger)
 State CO Water System (Johnston BE Battery)
 EOG Resources, Inc.



Legend

- Final Closure Sample Location
- Sidewall
- Liner Area
- Excavation Boundary



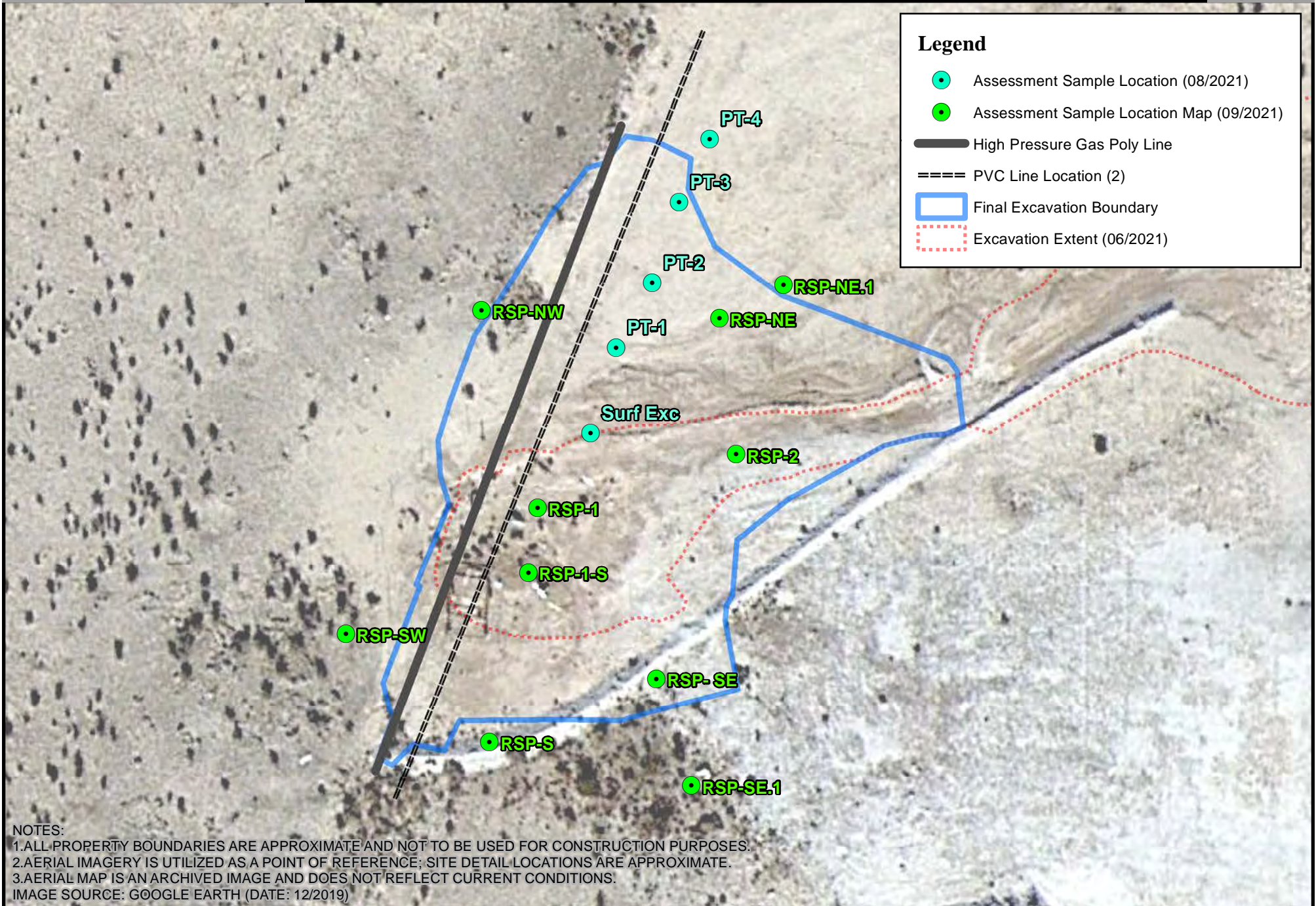
EOG JOHNSTON BE BATTERY
RELEASE SITE

**FINAL CLOSURE SAMPLE LOCATIONS
AND EXCAVATION BOUNDARY**

Project No. 11218770
Revision No. -
Date 01/29/2021

FIGURE 1

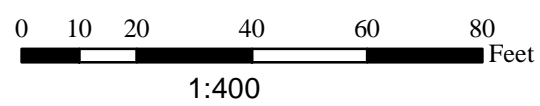
Q:\GIS\PROJECTS\11218770\MISC\0111218770_202104_MISC001_GIS001.mxd Data source: Google Earth Imagery dated 12/29/2019



Legend

- Assessment Sample Location (08/2021)
- Assessment Sample Location Map (09/2021)
- High Pressure Gas Poly Line
- - - -** PVC Line Location (2)
- ▭** Final Excavation Boundary
- ▭** Excavation Extent (06/2021)





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 DOES NOT REFLECT CURRENT CONDITIONS.
 IMAGE SOURCE: GOOGLE EARTH (DATE: 12/2019)



Ranger Assessment Sample Location Map
 State CO Water System (Johnston BE Battery)
 EOG Resources, Inc.

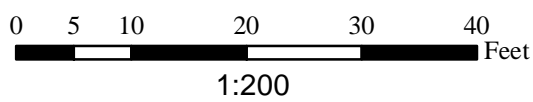


Legend

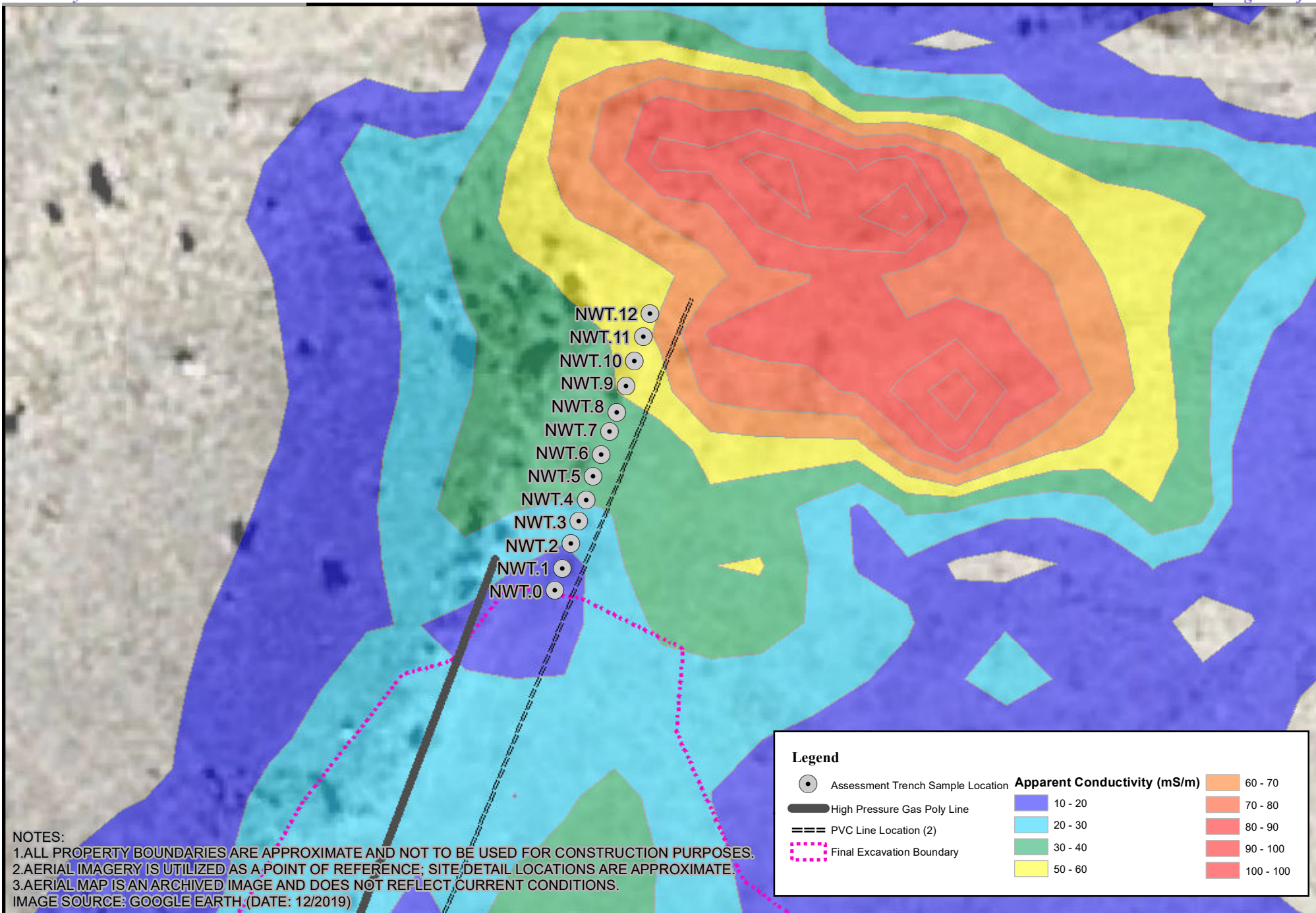
-  Excavation Base Soil Samples
-  Excavation Wall Sample Area
-  Pipeline Area Samples
-  High Pressure Gas Poly Line



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 DOES NOT REFLECT CURRENT CONDITIONS.
 IMAGE SOURCE: GOOGLE EARTH (DATE: 12/2019)



Final Confirmation Sample Location Map (Ranger)
 Johnston BE Battery
 EOG Resources, Inc.

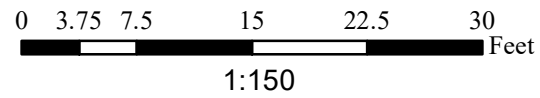


NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE/DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND DOES NOT REFLECT CURRENT CONDITIONS.
 IMAGE SOURCE: GOOGLE EARTH. (DATE: 12/2019)

Legend

- Assessment Trench Sample Location
- High Pressure Gas Poly Line
- PVC Line Location (2)
- ⋯ Final Excavation Boundary

Apparent Conductivity (mS/m)	
10 - 20	60 - 70
20 - 30	70 - 80
30 - 40	80 - 90
50 - 60	90 - 100
	100 - 100



Northwest Assessment Trench Sample Location Map
 State CO Water System (Johnston BE Battery)
 EOG Resources, Inc.

TABLES

Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data
Summary of Soil Analytical Data (Prepared by GHD)

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

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

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

Sample ID	Date	Benzene	Toluene	Ethyl- benzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Chloride
SW-1	3/16/2021	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<9.7	<48	<62.3	220
SW-2	3/16/2021	<0.020	<0.040	<0.040	<0.081	<0.181	<4.0	<9.8	<49	<62.8	140
SW-3	3/16/2021	<0.022	<0.044	<0.044	<0.088	<0.190	<4.4	<8.8	<44	<62.6	470
SW-4	3/16/2021	<0.025	<0.049	<0.049	<0.099	<0.220	<4.9	<9.6	<48	<62.5	230
SW-5	3/16/2021	<0.021	<0.041	<0.041	<0.082	<0.185	<4.1	<9.7	<49	<62.8	250
SW-6	3/16/2021	<0.022	<0.044	<0.044	<0.088	<0.190	<4.4	<9.6	<48	<62.0	72
SW-7	3/16/2021	<0.023	<0.045	<0.045	<0.090	<0.203	<4.5	<10	<50	<64.5	160
SW-8	3/16/2021	<0.021	<0.042	<0.042	<0.084	<0.189	<4.2	<9.4	<47	<60.6	380
SW-9	3/16/2021	<0.022	<0.045	<0.045	<0.090	<0.202	<4.5	<9.3	<46	<59.5	420
SW-10	3/16/2021	<0.031	<0.063	<0.063	<0.13	<0.287	<6.3	<9.9	<50	<66.2	720
SW-11	3/16/2021	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<9.5	<48	<62.2	400
SW-12	3/17/2021	<0.021	<0.042	<0.042	<0.085	<0.190	<4.2	<8.5	<43	<55.7	480
SW-13	3/16/2021	<0.022	<0.044	<0.044	<0.088	<0.190	<4.4	<9.2	<46	<59.6	210
BH-1	3/17/2021	<0.021	<0.042	<0.042	<0.084	<0.189	<4.2	<9.0	<45	<58.2	760
BH-1A	3/25/2021	<0.022	<0.044	<0.044	<0.088	<0.190	<4.4	<9.6	<48	<62.0	<60
BH-2	3/17/2021	<0.017	<0.034	<0.034	<0.067	<0.152	<3.4	<9.3	<47	<59.7	84
BH-3	3/17/2021	<0.022	<0.043	<0.043	<0.087	<0.195	<4.3	<9.3	<47	<60.6	150
BH-4	3/17/2021	<0.018	<0.037	<0.037	<0.074	<0.166	<3.7	<9.3	<46	<59	<61
BH-5	3/17/2021	<0.019	<0.037	<0.037	<0.074	<0.167	<3.7	<9.4	<47	<60.1	240
BH-6	3/17/2021	<0.021	<0.042	<0.042	<0.083	<0.188	<4.2	<9.4	<47	<60.6	350
BH-7	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.9	<50	<64.9	220
BH-8	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<48	<62.7	490
BH-9	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<8.9	<45	<58.9	820
BH-9A	3/25/2021	<0.021	<0.043	<0.043	<0.085	<0.192	<4.3	<9.1	<46	<59.4	82
BH-10	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.0	<45	<59.0	61
BH-11	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.6	<48	<62.6	340
BH-12	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<8.9	<44	<57.9	750
BH-12A	3/25/2021	<0.019	<0.038	<0.038	<0.076	<0.171	<3.8	<8.9	<45	<57.7	820
BH-12B	4/1/2021	<0.018	<0.036	<0.036	<0.071	<0.161	<3.6	<9.0	<45	<57.6	220
BH-13	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.5	<47	<62.5	480
BH-14	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.1	<46	<60.1	<60
BH-15	3/17/2021	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.7	<48	<62.6	<60
BH-16	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<8.9	<45	<58.9	360
BH-17	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.8	<49	<63.8	430
BH-18	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<10	<50	<65.0	60

Table 1 State CO-Johnston BE Summary of Soil Analytical Data											
Sample ID	Date	Benzene	Toluene	Ethyl- benzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Chloride
BH-19	3/17/2021	<0.023	<0.046	<0.046	<0.092	<0.207	<4.2	<9.6	<46	<59.8	380
BH-20	3/17/2021	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.5	<48	<62.3	510
BH-21	3/17/2021	<0.12	<0.24	<0.24	<0.49	<1.25	<24	<9.7	<49	<82.7	560
BH-22	3/17/2021	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.7	<48	<62.6	580
BH-23	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.4	<47	<61.4	580
BH-24	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.8	<49	<63.8	300
BH-25	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.4	<47	<61.4	210
BH-26	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.8	<49	<63.8	370
BH-27	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.8	<49	<63.8	180
BH-28	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<48	<62.7	970
BH-28A	3/25/2021	<0.12	<0.38	<0.38	<0.77	<0.172	<3.8	<9.6	<48	<61.4	1800
BH-28B	4/1/2021	<0.017	<0.033	<0.033	<0.066	<0.149	<3.3	<9.6	<48	<60.9	120
BH-29	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<10	<50	<65.0	310
BH-30	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<8.9	<45	<58.9	<60
BH-31	3/17/2021	<0.12	<0.25	<0.25	<0.50	<1.12	<25	<9.8	<46	<80.8	<60
BH-32	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<48	<62.7	76
BH-33	3/17/2021	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<49	<63.7	120
BH-34	3/25/2021	<0.021	<0.041	<0.041	<0.082	<0.185	<4.1	<9.6	<48	<61.7	840
BH-34A	4/1/2021	<0.014	<0.029	<0.029	<0.058	<0.130	<2.9	<9.6	<48	<60.5	190
BH-35	3/25/2021	<0.018	<0.036	<0.036	<0.071	<0.161	<3.6	<9.0	<45	<57.6	490
NMOCD Table 1 Closure Limits		10	Total BTEX: 50				Total TPH: 100				600

Notes:

All sample results are in milligrams per kilogram
 NMOCD = New Mexico Oil Conservation Division
 Table 1 Closure Limits = In accordance with 19.15.29 Release Rule
 NA = Not Analyzed
 BTEX =Benzene, Toluene, Ethylbenzene, Xylenes
 TPH = Total Petroleum Hydrocarbons
 GRO = Gasoline Range Organics
 DRO = Diesel Range Organics
 MRO = Motor Oil Range Organics
 Yellow Highlight = Exceeds Site Action Levels

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. STATE CO WATER SYSTEM (JOHNSTON BE BATTERY)													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	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
Site Assessment - August 10, 2021													
Surf Exc/0	8/10/2021	0'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	77
Surf Exc/2	8/10/2021	2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.5	<47	<9.5	<47	670
Surf Exc/4	8/10/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.9	<50	<9.9	<50	78
Surf Exc/6	8/10/2021	6'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.4	<47	<9.4	<47	<59
Surf Exc/8	8/10/2021	8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<49	<9.7	<49	<60
PT-1/0	8/10/2021	0'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	3,000
PT-1/2	8/10/2021	2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<10	<50	<10	<50	4,100
PT-1/4	8/10/2021	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.7	<48	<9.7	<48	2,100
PT-1/6	8/10/2021	6'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<49	<9.7	<49	530
PT-1/8	8/10/2021	8'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.6	<48	<9.6	<48	140
PT-2/0	8/10/2021	0'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.4	<47	<9.4	<47	1,100
PT-2/2	8/10/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<10	<50	<10	<50	1,300
PT-2/4	8/10/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	<60
PT-2/6	8/10/2021	6'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.4	<47	<9.4	<47	<60
PT-2/8	8/10/2021	8'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.6	<48	<9.6	<48	<60
PT-3/0	8/10/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<47	<9.4	<47	97
PT-3/2	8/10/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<9.3	<46	410
PT-3/4	8/10/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<49	<9.9	<49	<60
PT-3/6	8/10/2021	6'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.1	<45	<9.1	<45	<60
PT-3/8	8/10/2021	8'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	<60
PT-4/0	8/10/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	<60
PT-4/2	8/10/2021	2'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.9	<50	<9.9	<50	150
PT-4/4	8/10/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	<59
Site Assessment - September 09, 2021													
RSP-1.S/6'	9/9/2021	6'	<0.019	<0.037	<0.037	<0.074	<0.07	<3.7	<9.7	<48	<9.7	<48	<61
RSP-1.S/10'	9/9/2021	10'	<0.021	<0.042	<0.042	<0.085	<0.08	<4.2	<9.1	<45	<9.1	<45	190
RSP-1.S/15'	9/9/2021	15'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.4	<47	<9.4	<47	860
RSP-1/6	9/9/2021	6'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.5	<47	<9.5	<47	66
RSP-1/13'	9/9/2021	13'	<0.027	<0.054	<0.054	<0.11	<0.11	<5.4	<9.5	<47	<9.5	<47	330
RSP-1/21'	9/9/2021	21'	<0.017	<0.034	<0.034	<0.068	<0.07	<3.4	<8.5	<43	<8.5	<43	280
RSP-1/25'	9/9/2021	25'	<0.018	<0.037	<0.037	<0.074	<0.07	<3.7	<9.6	<48	<9.6	<48	230
RSP-2/6'	9/9/2021	6'	<0.014	<0.028	<0.028	<0.056	<0.06	<2.8	<9.3	<47	<9.3	<47	260
RSP-2/8'	9/9/2021	8'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<9.9	<50	<9.9	<50	2,200
RSP-2/10'	9/9/2021	10'	<0.018	<0.036	<0.036	<0.071	<0.07	<3.6	<8.7	<44	<8.7	<44	110
RSP-SE/3'	9/9/2021	3'	<0.019	<0.038	<0.038	<0.077	<0.08	<3.8	<9.9	<49	<9.9	<49	940
RSP-SE/6'	9/9/2021	6'	<0.021	<0.041	<0.041	<0.082	<0.08	<4.1	<9.5	<48	<9.5	<48	2,300
RSP-SE/12'	9/9/2021	10'	<0.022	<0.043	<0.043	<0.086	<0.09	<4.3	<9.5	<48	<9.5	<48	320
RSP-S/0'	9/9/2021	0'	<0.023	<0.045	<0.045	<0.090	<0.09	<4.5	<9.4	<47	<9.4	<47	<60
RSP-S/4'	9/9/2021	4'	<0.022	<0.044	<0.044	<0.087	<0.09	<4.4	<9.2	<46	<9.2	<46	<60
RSP-SW/0'	9/9/2021	0'	<0.018	<0.037	<0.037	<0.074	<0.07	<3.7	<9.2	<46	<9.2	<46	<60
RSP-SW/4'	9/9/2021	4'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.9	<49	<9.9	<49	<60
RSP-SE.1/0'	9/9/2021	0'	<0.022	<0.043	<0.043	<0.086	<0.09	<4.3	<9.3	<46	<9.3	<46	<60
RSP-SE.1/4'	9/9/2021	4'	<0.023	<0.045	<0.045	<0.090	<0.09	<4.5	<9.6	<48	<9.6	<48	<60
RSP-NE/2'	9/9/2021	2'	<0.027	<0.054	<0.054	<0.11	<0.11	<5.4	<9.4	<47	<9.4	<47	3,000
RSP-NE/6'	9/9/2021	6'	<0.019	<0.038	<0.038	<0.077	<0.08	<3.8	<8.9	<44	<8.9	<44	100
RSP-NE.1/2'	9/9/2021	2'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<9.6	<48	<9.6	<48	230
RSP-NE.1/4'	9/9/2021	4'	<0.021	<0.043	<0.043	<0.085	<0.09	<4.3	<9.4	<47	<9.4	<47	<60
RSP-NW/1'	9/9/2021	1'	<0.022	<0.044	<0.044	<0.089	<0.09	<4.4	<9.2	<46	<9.2	<46	<60
RSP-NW/4'	9/9/2021	4'	<0.023	<0.045	<0.045	<0.091	<0.09	<4.5	<9.2	<46	<9.2	<46	<60
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')			10	---	---	---	50	---	---	---	---	100	600
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10³	---	---	---	50³	---	---	---	---	100³	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.													

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. STATE CO WATER SYSTEM (JOHNSTON BE BATTERY)													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	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 Base Soil Samples													
NB-1	10/13/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	500
NB-2	10/13/2021	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.8	<49	<9.8	<49	390
NB-3	10/13/2021	4'-5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<49	<9.9	<49	500
NB-4	10/13/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	290
NB-5	10/13/2021	5'-6'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.9	<50	<9.9	<50	270
NB-6	10/13/2021	4'-5'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<49	<9.7	<49	210
NB-7	10/13/2021	6'-7'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	180
NB-8	10/13/2021	5'-6'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.9	<49	<9.9	<49	<59
NB-9	10/13/2021	6'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<50	<9.9	<50	190
NB-10	10/13/2021	6'-7'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<10	<50	<10	<50	<60
B-1	10/13/2021	10'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<9.6	<48	210
B-2	10/13/2021	9'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	29	71	29	100	200
B-3	10/13/2021	8'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.8	<49	<9.8	<49	490
B-4	10/13/2021	8'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.3	<47	<9.3	<47	410
B-5	10/13/2021	7'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.7	<49	<9.7	<49	460
B-6	10/13/2021	7'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.7	<48	<9.7	<48	310
B-7	10/13/2021	7'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.4	<47	<9.4	<47	290
B-8	10/13/2021	6'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<10	<50	<10	<50	310
B-9	10/13/2021	6'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.6	<48	<9.6	<48	130
B-10	10/13/2021	6'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.7	<48	<9.7	<48	1,300
B-10/A	11/2/2021	8'-9'	<0.017	<0.034	<0.034	<0.068	<0.07	<3.4	<9.5	<47	<9.5	<47	210
B-11	10/13/2021	6'-7'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.5	<47	<9.5	<47	640
B-11/A	11/2/2021	8'-9'	<0.020	<0.039	<0.039	<0.079	<0.08	<3.9	<9.6	<48	<9.6	<48	460
CS-1	10/19/2021	10'-11'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<49	<9.9	<49	680
CS-1/A	11/2/2021	13'-14'	<0.032	<0.064	<0.064	<0.13	<0.13	<6.4	<9.9	<49	<9.9	<49	240
CS-2	10/19/2021	10'-11'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	960
CS-2/A	11/2/2021	11'-12'	<0.022	<0.16	<0.16	<0.33	<0.33	<16	100	290	100	330	360
CS-2B	11/11/2021	13.5'	<0.018	<0.036	<0.036	<0.071	<0.07	<3.6	<9.6	<48	<9.6	<48	210
CS-3	10/19/2021	10'-11'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<9.7	<48	530
CS-4	10/19/2021	10'-11'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<49	<9.9	<49	580
CS-5	10/19/2021	7'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<49	<9.7	<49	980
CS-5/A	11/2/2021	11'-12'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.6	<48	<9.6	<48	220
CS-6	10/19/2021	7'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	1,300
CS-6/A	11/2/2021	11'-12'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<10	<50	<10	<50	240
CS-7	10/19/2021	7'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	690
CS-7/A	11/2/2021	11'-12'	<0.015	<0.030	<0.030	<0.059	<0.06	<3.0	<10	<50	<10	<50	<60
CS-8	10/19/2021	7'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	2,600
CS-8/A	11/2/2021	11'-12'	<0.018	<0.037	<0.037	<0.073	<0.07	<3.7	<9.7	<48	<9.7	<48	200
CS-9	10/19/2021	6'-7'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	1,500
CS-9/A	11/2/2021	11'-12'	<0.017	<0.034	<0.034	<0.069	<0.07	<3.4	<9.8	<49	<9.8	<49	130
CS-10	10/19/2021	7'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<9.7	<48	450
CS-11	10/19/2021	7'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	100
CS-12	10/19/2021	6'-7'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	<59
CS-13	10/19/2021	7'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<50	<9.9	<50	150
CS-14	10/19/2021	7'-8'	<0.026	<0.052	<0.052	<0.10	<0.10	<5.2	<9.7	<48	<9.7	<48	70
CS-15	10/19/2021	6'-7'	<0.022	<0.063	<0.063	<0.13	<0.13	<6.3	<9.6	<48	<9.6	<48	3,000
CS-15/A	11/2/2021	10'-11'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.2	<46	<9.2	<46	170
CS-16	10/19/2021	7'-8'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<10	<50	<10	<50	61
CS-17	10/19/2021	7'-8'	<0.029	<0.058	<0.058	<0.12	<0.12	<5.8	<9.8	<49	<9.8	<49	<61
CS-18	10/19/2021	7'-8'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.8	<49	<9.8	<49	1,400
CS-18/A	11/2/2021	12'-13'	<0.018	<0.036	<0.036	<0.073	<0.07	<3.6	<9.7	<49	<9.7	<49	240
CS-18/W1	11/2/2021	7'-10'	<0.019	<0.039	<0.039	<0.077	<0.08	<3.9	<9.2	<46	<9.2	<46	77
CS-19	10/19/2021	7'-8'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.7	<48	<9.7	<48	740
CS-19/A	11/2/2021	10'-11'	<0.022	<0.044	<0.044	<0.087	<0.09	<4.4	<10	<50	<10	<50	210
CS-20	10/19/2021	7'-8'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.4	<47	<9.4	<47	1,900
CS-20/A	11/2/2021	14'	<0.019	<0.039	<0.039	<0.077	<0.08	<3.9	<9.7	<49	<9.7	<49	370
CS-20/W1	11/2/2021	7'-14'	<0.023	<0.045	<0.045	<0.090	<0.09	<4.5	<8.9	<45	<8.9	<45	140
CS-20/W2	11/2/2021	7'-14'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.4	<47	<9.4	<47	120

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. STATE CO WATER SYSTEM (JOHNSTON BE BATTERY)													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	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
CS-21	10/19/2021	7'-8'	<0.023	<0.045	<0.045	<0.091	<0.09	<4.5	<9.9	<49	<9.9	<49	340
CS-22	10/19/2021	7'-8'	<0.027	<0.053	<0.053	<0.11	<0.11	<5.3	<9.3	<46	<9.3	<46	250
CS-23	10/19/2021	7'-8'	<0.018	<0.036	<0.036	<0.073	<0.07	<3.6	<9.3	<47	<9.3	<47	140
WF-1	10/19/2021	5'-6'	<0.029	<0.058	<0.058	<0.12	<0.12	<5.8	<9.6	<48	<9.6	<48	730
WF-1A	11/11/2021	5'-6'	<0.019	<0.039	<0.039	<0.077	<0.08	<3.9	<10	<50	<10	<50	260
WF-2	10/19/2021	5'-6'	<0.028	<0.055	<0.055	<0.11	<0.11	<5.5	<9.4	<47	<9.4	<47	<61
R-1	11/11/2021	0-4'	<0.017	<0.033	<0.033	<0.067	<0.07	<3.3	<9.7	<48	<9.7	<48	380
R-2	11/11/2021	0-4'	<0.017	<0.034	<0.034	<0.069	<0.07	<3.4	<9.2	<46	<9.2	<46	340
R-3	11/11/2021	4'-8'	<0.017	<0.034	<0.034	<0.069	<0.07	<3.4	<9.1	<46	<9.1	<46	480
R-4	11/11/2021	4'-8'	<0.015	<0.029	<0.029	<0.058	<0.06	<2.9	<9.9	<50	<9.9	<50	540
NF-1	12/1/2021	12'	<0.029	<0.058	<0.058	<0.12	<0.12	<5.8	<9.5	<48	<9.5	<48	97
NF-2	12/1/2021	12'	<0.022	<0.044	<0.044	<0.087	<0.09	<4.4	<9.8	<49	<9.8	<49	110
NF-3	12/1/2021	6'-12'	<0.019	<0.039	<0.039	<0.077	<0.08	<3.9	<9.9	<50	<9.9	<50	110
NF-4	12/1/2021	12'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.7	<48	<9.7	<48	<60
NF-5	12/1/2021	12'	<0.019	<0.037	<0.037	<0.075	<0.07	<3.7	<9.6	<48	<9.6	<48	560
NF-6	12/1/2021	12'	<0.020	<0.039	<0.039	<0.079	<0.08	<3.9	<9.8	<49	<9.8	<49	460
NF-7	12/1/2021	12'	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.8	<49	<9.8	<49	84
NF-8	12/1/2021	12'	<0.027	<0.053	<0.053	<0.11	<0.11	<5.3	<9.7	<49	<9.7	<49	<59
NF-9	12/1/2021	6'-12'	<0.022	<0.044	<0.044	<0.089	<0.09	<4.4	<9.8	<49	<9.8	<49	<60
EW-1	12/1/2021	6'-12'	<0.026	<0.051	<0.051	<0.10	<0.10	<5.1	<9.7	<48	<9.7	<48	<61
WB-N-1	12/1/2021	5'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.5	<48	<9.5	<48	<61
WB-N-2	12/1/2021	5'	<0.021	<0.042	<0.042	<0.084	<0.08	<4.2	<9.6	<48	<9.6	<48	<60
WB-N-3	12/1/2021	5'	<0.021	<0.041	<0.041	<0.082	<0.08	<4.1	<9.7	<49	<9.7	<49	<60
WB-N-4	12/1/2021	5'	<0.020	<0.039	<0.039	<0.079	<0.08	<3.9	<9.6	<48	<9.6	<48	240
WB-N-5	12/1/2021	5'	<0.019	<0.039	<0.039	<0.078	<0.08	<3.9	<9.8	<49	<9.8	<49	240
Excavation Side Wall Soil Samples													
NB-NW-1	10/13/2021	0'-6'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.7	<48	<9.7	<48	140
NB-NW-2	10/13/2021	0'-4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	90
NW-1	10/13/2021	4'-10'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<10	<50	<10	<50	<59
NW-2	10/13/2021	4'-10'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	71
SW-1	10/13/2021	0'-6'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.3	<47	<9.3	<47	240
SW-2	10/13/2021	0'-7'	<0.023	<0.046	<0.046	<0.094	<0.09	<4.6	<9.4	<47	<9.4	<47	640
SW-2/A	11/2/2021	0'-7'	<0.019	<0.039	<0.039	<0.078	<0.08	<3.9	<9.9	<49	<9.9	<49	170
SW-3	10/13/2021	0'-9'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.4	<47	<9.4	<47	<60
SW-4	10/13/2021	0'-11'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.9	<49	<9.9	<49	<60
WW-1	10/19/2021	0'-6'	<0.026	<0.052	<0.052	<0.10	<0.10	<5.2	<9.3	<46	<9.3	<46	76
WW-2	10/19/2021	0'-6'	<0.020	<0.039	<0.039	<0.079	<0.08	<3.9	<9.7	<49	<9.7	<49	1,100
WW-2A	11/11/2021	0'-6'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<9.6	<48	<9.6	<48	280
SW-1*	10/19/2021	0'-11'	<0.034	<0.062	<0.062	<0.12	<0.12	<6.2	<9.4	<47	<9.4	<47	1,100
SW-1/A	11/2/2021	0'-11'	<0.021	<0.042	<0.042	<0.085	<0.08	<4.2	<9.9	<49	<9.9	<49	220
SW-2*	10/19/2021	0'-11'	<0.021	<0.043	<0.043	<0.085	<0.09	<4.3	<9.8	<49	<9.8	<49	<60
SW-3*	10/19/2021	10'-11'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.7	<48	<9.7	<48	<60
NW-1*	12/1/2021	0'-12'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.2	<46	<9.2	<46	3,000
WB-W-1	12/1/2021	0'-5'	<0.020	<0.039	<0.039	<0.078	<0.08	<3.9	<10	<50	<10	<50	130
WB-W-2	12/1/2021	0'-5'	<0.021	<0.041	<0.041	<0.082	<0.08	<4.1	<9.3	<46	<9.3	<46	140
WB-W-3	12/1/2021	0'-5'	<0.025	<0.051	<0.051	<0.10	<0.10	<5.1	<9.8	<49	<9.8	<49	150

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. STATE CO WATER SYSTEM (JOHNSTON BE BATTERY)													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	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
Pipeline Area Soil Samples													
PL-S-1	11/11/2021	5'-12'	<0.019	<0.037	<0.037	<0.074	<0.07	<3.7	<9.7	<48	<9.7	<48	350
PL-S-2	11/11/2021	5'-12'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.1	<46	<9.1	<46	250
PL-S-3	11/11/2021	5'-14'	<0.018	<0.035	<0.035	<0.070	<0.07	<3.5	<9.4	<47	<9.4	<47	220
PL-S-4	11/11/2021	0'-14'	<0.020	<0.040	<0.040	<0.079	<0.08	<4.0	<10	<50	<10	<50	<60
PL-N-1	11/18/2021	8'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.9	<50	<14.9	<64.9	<60
PL-N-2W-1	11/18/2021	8'-14'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.7	<49	<14.5	<63.5	<59
PL-N-2W-2	11/18/2021	14'-20'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.9	<50	<14.7	<64.7	420
PL-N-2F	11/18/2021	19-20'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.2	<46	<14	<60	2,000
PL-N-2A	12/13/2021	20-26.5'	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<7.8	<39	<7.8	<39	390
PL-N-3	11/30/2021	12.5'	<0.012	<0.025	<0.025	<0.049	<0.05	<2.5	<10	<50	<10	<50	290
PL-N-4	11/30/2021	14.5'	<0.020	<0.040	<0.040	<0.080	<0.08	<4.0	<9.6	<48	<9.6	<48	240
PL-N-5	11/30/2021	14.5'	<0.014	<0.028	<0.028	<0.056	<0.06	<2.8	<9.4	<47	<9.4	<47	<59
PL-N-6	12/1/2021	5'-10'	<0.019	<0.038	<0.038	<0.077	<0.08	<3.8	<9.8	<49	<9.8	<49	140
PL-N-7	12/1/2021	0'-10'	<0.017	<0.034	<0.034	<0.067	<0.07	<3.4	<10	<50	<10	<50	77
PL-N-8	12/1/2021	11'	<0.019	<0.037	<0.037	<0.075	<0.07	<3.7	<9.4	<47	<9.4	<47	200
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')			10	---	---	---	50	---	---	---	---	100	600
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10³	---	---	---	50³	---	---	---	---	100³	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 was overexcavated and disposed off-site.													

NORTHWEST ASSESSMENT TRENCH SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. STATE CO WATER SYSTEM (JOHNSTON BE BATTERY)													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	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
Assessment Trench Soil Samples													
NWT.0/3'	11/23/2021	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<49	<9.7	<49	6,800
NWT.0/6'	11/23/2021	6'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.9	<49	<9.9	<49	4,100
NWT.0/9'	11/23/2021	9'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.9	<50	<9.9	<50	1,600
NWT.1/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,000
NWT.1/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4,200
NWT.1/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1,900
NWT.2/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,400
NWT.2/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2,500
NWT.2/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,200
NWT.3/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,900
NWT.3/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4,900
NWT.3/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2,900
NWT.4/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,400
NWT.4/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4,800
NWT.4/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2,000
NWT.5/3'	11/23/2021	3'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	4,800
NWT.5/6'	11/23/2021	6'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.1	<46	<9.1	<46	3,600
NWT.5/9'	11/23/2021	9'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.3	<47	<9.3	<47	2,100
NWT.6/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,300
NWT.6/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4,800
NWT.6/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2,600
NWT.7/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,000
NWT.7/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4,000
NWT.7/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2,300
NWT.8/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,000
NWT.8/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	3,700
NWT.8/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	3,800
NWT.9/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,600
NWT.9/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,100
NWT.9/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2,900
NWT.10/3'	11/23/2021	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	5,600
NWT.10/6'	11/23/2021	6'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.5	<47	<9.5	<47	5,000
NWT.10/9'	11/23/2021	9'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<49	<9.9	<49	2,700
NWT.11/3'	11/23/2021	3'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,900
NWT.11/6'	11/23/2021	6'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,400
NWT.11/9'	11/23/2021	9'	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5,100
NWT.12/3'	11/23/2021	3'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.6	<48	<9.6	<48	5,300
NWT.12/6'	11/23/2021	6'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<50	<9.9	<50	5,400
NWT.12/9'	11/23/2021	9'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<48	<9.7	<48	5,700
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')			10	---	---	---	50	---	---	---	---	100	600
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10³	---	---	---	50³	---	---	---	---	100³	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.													

ATTACHMENT 1 – 2RP-3650 NMOCD
DOCUMENTS

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

State of New Mexico
Energy Minerals and Natural Resources

APR 15 2016

Form C-141
Revised August 8, 2011

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

RECEIVED appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1611035718 OPERATOR Initial Report Final Report

Name of Company Yates Petroleum Corporation	Contact Amber Griffin
Address 104 S. 4 th Street	Telephone No. 575-748-1471
Facility Name State CO SWD System (Johnston BE Battery)	Facility Type Flow line
Surface Owner Fee	Mineral Owner -
API No. 30-015-20054	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	8	19S	25E	330	North	330	East	Eddy

Latitude 32.68195 Longitude 104.49891

NATURE OF RELEASE

Type of Release Produced water	Volume of Release 30 B/PW	Volume Recovered 15 B/PW
Source of Release Flow line	Date and Hour of Occurrence 4/12/2016; AM	Date and Hour of Discovery 4/12/2016; AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher, Heather Patterson	
By Whom? Robert Asher/Yates Petroleum Corporation	Date and Hour 4/12/2016; 2:53 PM (Email)	
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.*

Describe Cause of Problem and Remedial Action Taken.

A release was discovered near an out of service PVC water line, this line had previously been isolated by a closed valve. It is suspected that an unknown party, not associated with Yates Petroleum, opened this valve allowing produced water to flow into the line. The NM State Police were notified and came to the scene to take a report. Upon discovery, the valve was again closed. While removing fluids from the line it was noted that the leak on the PVC line was near the collar. A vacuum truck was called to pick up fluids from inside the PVC line.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 0.1626 acres in the pasture (see attached Google Earth image). The area had an initial scrape of visually impacted soils, and soils are in the process of being hauled to a NMOCD approved facility. Delineation samples were taken on 4/13/2016 and were sent to a NMOCD approved laboratory for analysis of TPH, BTEX and Chlorides, Yates is waiting on analytical results to determine next course of clean-up action. If initial analytical results for TPH and BTEX are under RRAL's (site ranking is 0) a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL's a work plan will be submitted to the OCD. **Depth to Ground Water: >100' (approximately 150', Section 8, T19S-R25E, per Trend Map), 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.

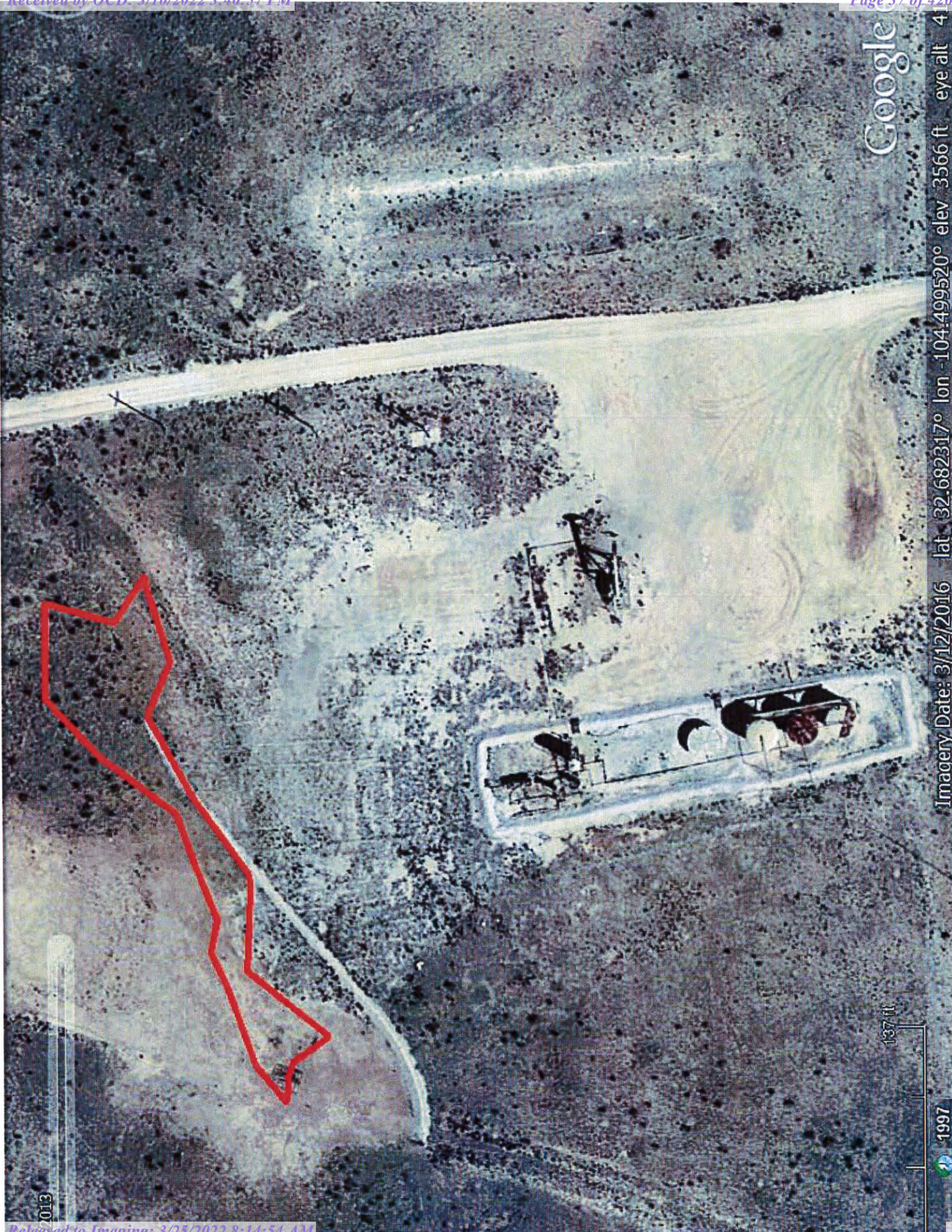
Signature: <u>Amber Griffin</u>	OIL CONSERVATION DIVISION	
Printed Name: Amber Griffin	Signed By: <u>[Signature]</u> Approved by Environmental Specialist:	
Title: Environmental Representative	Approval Date: <u>4/19/16</u>	Expiration Date: <u>N/A</u>
E-mail Address: agriffin@yatespetroleum.com	Conditions of Approval: <input type="checkbox"/> Attached	
Date: April 15, 2016 Phone: 575-748-4111	Remediation per O.C.D. Rules & Guidelines	

SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 5/20/16 2RP-3650

* Attach Additional Sheets If Necessary

Google

Imagery Date: 3/12/2016 lat 32.682317° lon -104.499520° elev 3566 ft eye alt 4



2013

137 ft

1997



Bratcher, Mike, EMNRD

From: Amber Griffin <AGriffin@yatespetroleum.com>
Sent: Friday, April 15, 2016 9:40 AM
To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD
Cc: Bob Asher; Chase Settle; Katie Parker; Veronica Alvarado
Subject: State CO SWD System (Johnston BE Battery)
Attachments: StateCOSWD(JohnstonBEBattery)_C141_041216 Initial.pdf

Heather/Mike,

Please find attached an Initial C-141 for the release that occurred on April 12, 2016 at the State CO SWD System (Johnston BE Battery). Will you please let me know the RP number assigned for this release?

Thank you,

Amber Griffin

Environmental Representative
Yates Petroleum Corporation
Office: (575) 748-4111
Cell: (575) 513-8799

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986

S. P. YATES
1914-2008



JOHN A. YATES SR.
CHAIRMAN EMERITUS

JOHN A. YATES JR.
CHAIRMAN OF THE BOARD

DOUGLAS E. BROOKS
PRESIDENT / CEO

105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

May 24, 2016

Mr. Mike Bratcher or Ms. Heather Patterson
NMOCD District II
811 South First
Artesia, NM 88210

RE: State CO SWD System (Johnston BE Battery)
30-015-20054
Section 8, T19S-R25E
Eddy County, New Mexico

Mr. Bratcher or Ms. Patterson,

Yates Petroleum Corporation (Yates) would like to submit the attached plan of work to you regarding the release that occurred at the above mentioned facility on April 12, 2016 (2RP-3650).

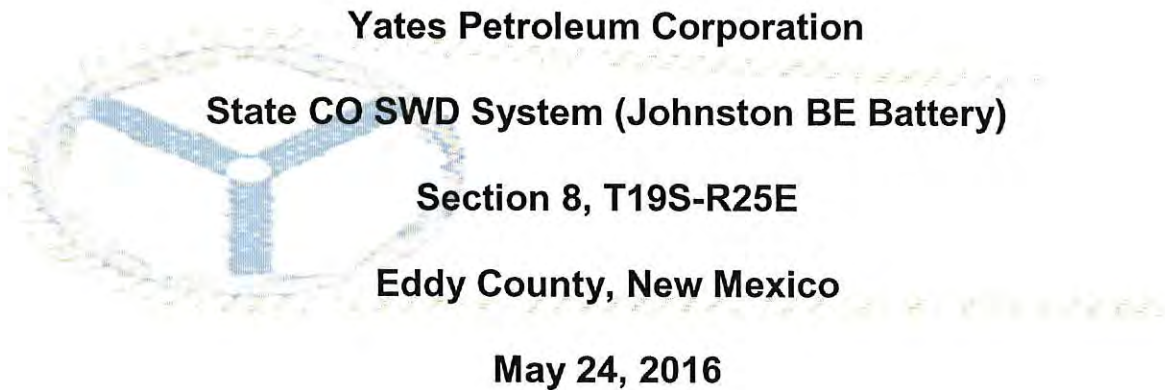
With NMOCD approval of this work plan, Yates will hold a bid meeting allowing several contractors the opportunity to submit bids on this remediation project. Bids that are received will be forwarded to Yates Management for review. Once Yates Management reviews the bids and gives approval, the remediation project will be awarded to a contractor for work to commence.

If you have any questions or concerns, I can be reached at (575) 748-4111 or by email at agriffin@yatespetroleum.com.

Thank You,

A handwritten signature in blue ink that reads 'Amber Griffin'.

Amber Griffin
Environmental Representative
Yates Petroleum Corporation



I. Location

The release is located approximately 9 miles south of Artesia on Highway 285 and 7.6 miles west of Highway 285, via Kincaid Ranch Road and lease roads.

II. Background

On April 12, 2016, Yates had a release of 30 barrels produced water, with 15 barrels produced water recovered. The area affected from this release was a pasture near a pipeline right-of-way on Fee surface. An initial Form C-141 was submitted, via e-mail, to the NMOCD District II office on April 15, 2016 for this release.

On April 13, 2016 personnel returned to the release area and collected soil samples from the release area using a backhoe. The release area was split into three separate sections for the sampling process. The soil samples were sent to an approved NMOCD laboratory and tested for BTEX 8021B, TPH 8015M, and Chlorides 300.0. Yates received the analytical results on April 25, 2016 and May 4, 2016 (Reports 1604667 and 1604C23 attached to this work plan). The analytical results showed the following:

- BTEX and TPH were at levels below NMOCD RRAL's for all three sections.
- Chloride levels in Section 1 were found to be elevated and would need further vertical delineation.
- Chloride levels in Section 2 were completely delineated.
- Chloride levels in Section 3 were delineated with a spike at 4' below the surface level, Yates believed that this was a result of cross contamination issues during the sampling process. Yates had a 5' sample in their possession and sent it to the laboratory for analysis. Yates received the 5' analytical result and levels were found to be less than 240 ppm and confirmed that the spike in chlorides at the 4' interval was in fact from cross contamination during the sampling process.

On May 3, 2016 personnel returned to the release area and collected further soil samples from Section 1 of the release area using a trackhoe. The soil samples were sent to an approved NMOCD laboratory and tested for Chlorides 300.0. Yates received the analytical results on May 13, 2016 (Report 1605295 attached to this work plan). The analytical results showed that Yates had fully delineated the chlorides in Section 1.

III. Surface and Ground Water

Area surface geology is Cenozoic. The ChevronTexaco depth to ground water map shows the depth to groundwater to be approximately 150 feet making the site ranking for this site a zero (0). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is zero (0) based on the following:

Depth to ground water	>100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

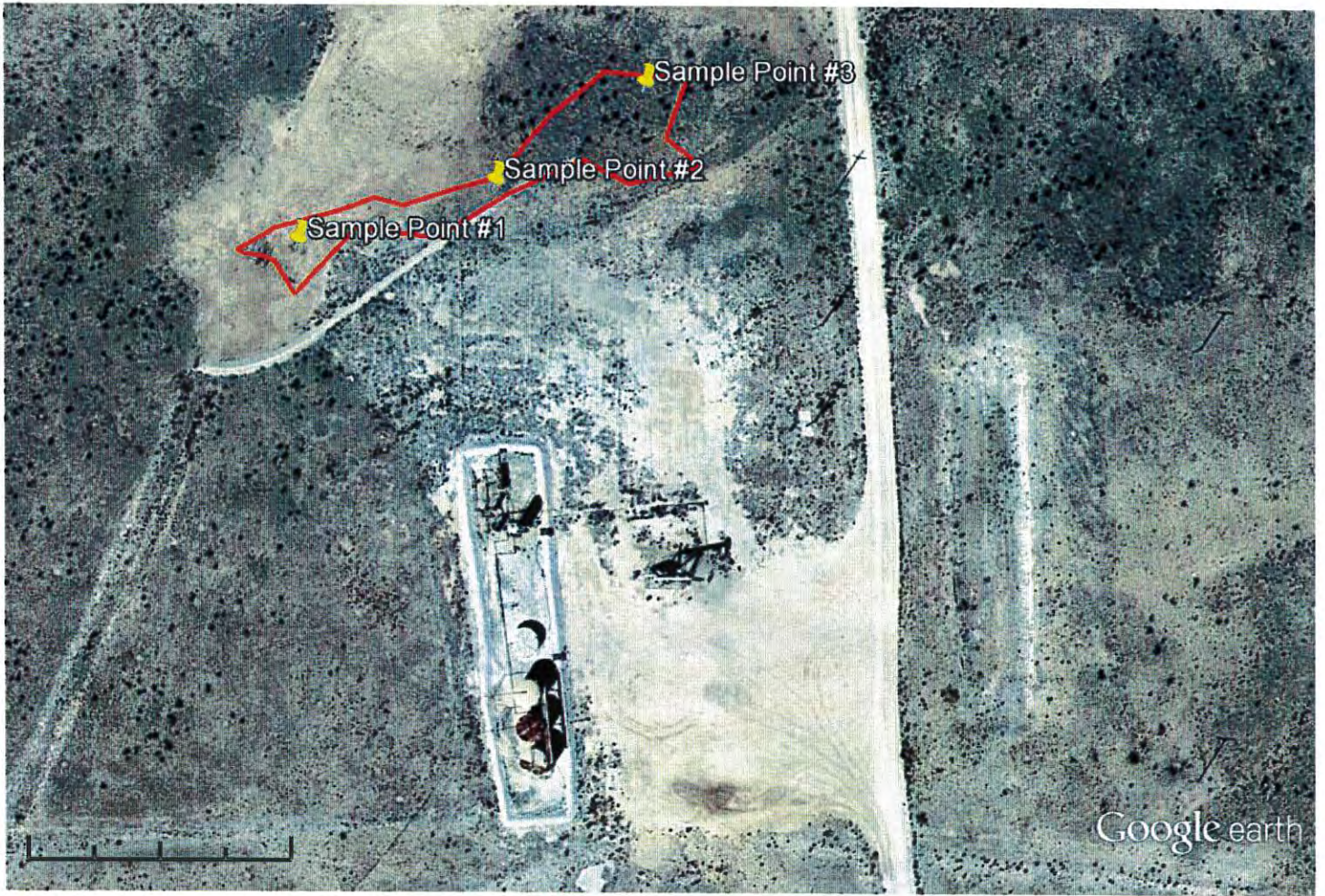
IV. Soils

The area consists of soils that are caliche and clay.

V. Scope of Work

Based off the analytical reports which show complete vertical delineation, Yates proposes the following work:

- Excavate 4' from Section 1 of the release area. After excavation, a 20 mil liner will be placed in the bottom of the excavation. A 6" layer of topsoil will be placed on top of the liner to provide protection from any rock. The remaining excavation will be backfilled with clean, like soils.
- Excavate 3.5' from Section 2 of the release area. The excavation will be backfilled with clean, like soils.
- Excavation 1' from Section 3 of the release area. The excavation will be backfilled with clean, like soils.
- Contaminated soils that are excavated will be hauled to a NMOCD approved disposal facility.
- The backfill material for the excavation will be purchased from a nearby pit.
- The release area will be re-seeded.
- Once all excavation and backfill work is complete, Yates will submit a Final Form C-141 to NMOCD requesting closure of this release.



Google earth



State CO SWD System (Johnston BE Battery)

	Sample Area	Sample Date	Analytical Report	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
1-1'	Release area	4/13/2016	1604667	Grab/Backhoe	1'	ND	ND	ND	ND	7,900
1-2'	Release area	4/13/2016	1604667	Grab/Backhoe	2'	ND	ND	ND	ND	4,000
1-3'	Release area	4/13/2016	1604667	Grab/Backhoe	3'	ND	ND	ND	ND	1,500
1-4'	Release area	4/13/2016	1604667	Grab/Backhoe	4'	0.038	ND	ND	ND	17,000
1-5'	Release area	4/13/2016	1604667	Grab/Backhoe	5'	ND	ND	ND	ND	9,600
1-6'	Release area	4/13/2016	1604667	Grab/Backhoe	6'	ND	ND	ND	ND	9,600
1-7'	Release area	4/13/2016	1604667	Grab/Backhoe	7'	ND	ND	ND	ND	8,200
1-8'	Release area	4/13/2016	1604667	Grab/Backhoe	8'	ND	ND	ND	ND	18,000
1-9'	Release area	4/13/2016	1604667	Grab/Backhoe	9'	ND	ND	ND	ND	7,200
1-10'	Release area	4/13/2016	1604667	Grab/Backhoe	10'	ND	ND	ND	ND	5,100
1-12'	Release area	5/3/2016	1605295	Grab/Trackhoe	12'	-	-	-	-	3,600
1-14'	Release area	5/3/2016	1605295	Grab/Trackhoe	14'	-	-	-	-	2,700
1-16'	Release area	5/3/2016	1605295	Grab/Trackhoe	16'	-	-	-	-	2,100
1-18'	Release area	5/3/2016	1605295	Grab/Trackhoe	18'	-	-	-	-	700
1-20'	Release area	5/3/2016	1605295	Grab/Trackhoe	20'	-	-	-	-	530
2-1'	Release area	4/13/2016	1604667	Grab/Backhoe	1'	0.341	ND	ND	ND	17,000
2-2'	Release area	4/13/2016	1604667	Grab/Backhoe	2'	0.23	ND	ND	ND	18,000
2-3'	Release area	4/13/2016	1604667	Grab/Backhoe	3'	ND	ND	ND	ND	11,000
2-4'	Release area	4/13/2016	1604667	Grab/Backhoe	4'	0.028	ND	ND	ND	280
2-5'	Release area	4/13/2016	1604667	Grab/Backhoe	5'	ND	ND	ND	ND	ND
2-6'	Release area	4/13/2016	1604667	Grab/Backhoe	6'	ND	ND	ND	ND	ND
2-7'	Release area	4/13/2016	1604667	Grab/Backhoe	7'	ND	ND	ND	ND	ND
2-8'	Release area	4/13/2016	1604667	Grab/Backhoe	8'	ND	ND	ND	ND	ND
2-9'	Release area	4/13/2016	1604667	Grab/Backhoe	9'	0.024	ND	ND	ND	140
2-10'	Release area	4/13/2016	1604667	Grab/Backhoe	10'	0.040	ND	ND	ND	71
3-1'	Release area	4/13/2016	1604667	Grab/Backhoe	1'	ND	ND	ND	ND	1,600
3-2'	Release area	4/13/2016	1604667	Grab/Backhoe	2'	ND	ND	ND	ND	ND
3-3'	Release area	4/13/2016	1604667	Grab/Backhoe	3'	ND	ND	ND	ND	55
3-4'	Release area	4/13/2016	1604667	Grab/Backhoe	4'	ND	ND	ND	ND	1,300
3-5'	Release area	4/13/2016	1604C23	Grab/Backhoe	5'	-	-	-	-	170

Site Ranking is ZERO (0). Depth to Ground Water >100' (approx. 150', per Chevron/Texaco trend map).

All results are ppm.Chlorides for documentation.

Released: 30 B/PW; Recovered: 15 B/PW. Release Date: 4/12/2016, 2RP-3650

From: Patterson, Heather, EMNRD
To: "[Amber Griffin](#)"
Cc: [Bratcher, Mike, EMNRD](#); [Bayliss, Randolph, EMNRD](#)
Subject: RE: State CO SWD System (Johnson BE Battery) 2RP-3650
Date: Friday, June 03, 2016 1:46:00 PM

RE: Yates Petroleum * State CO SWD System * 30-015-20054 * 2RP-3650

Amber,

Your work plan for the above listed release is approved.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson
Environmental Specialist
NMOCD District II
Office (575)748-1283 ext.101
Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]
Sent: Tuesday, May 24, 2016 8:10 AM
To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD
Subject: State CO SWD System (Johnson BE Battery) 2RP-3650

Mike/Heather,

Please find attached a work plan for the release that occurred at the State CO SWD System (Johnston BE Battery) on April 12, 2016. Should you have any questions, please let me know.

Thank you,

Amber Griffin

Environmental Representative
Yates Petroleum Corporation
Office: (575) 748-4111
Cell: (575) 513-8799

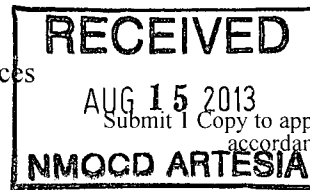
This message may contain confidential information and is intended for the named recipient only. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information

is strictly prohibited. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.

ATTACHMENT 2 - 2RP-1858 NMOCD
DOCUMENTS

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

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



Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

NTJW 1323539109 OPERATOR Initial Report Final Report

Name of Company	Yates Petroleum/Agave Energy 14783	Contact	Austin Weyant
Address	105 South 4 th Street Artesia, NM	Telephone No.	575 513-8988
Facility Name	Johnston BE Battery 6" PVC line	Facility Type	Battery and Gas Right Of Way
Surface Owner	Mineral Owner	API No.	

LOCATION OF RELEASE

Unit Letter	Section 9	Township 19S	Range 25E	Feet from the	North/South Line	Feet from the	East/West Line	County EDDY
-------------	--------------	-----------------	--------------	---------------	------------------	---------------	----------------	----------------

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 1100	Volume Recovered 1040
Source of Release 6" PVC gas line	Date and Hour of Occurrence 8/2/13 12:30 pm	Date and Hour of Discovery 8/2/13 1:00pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Randy Dade	
By Whom? Bob Asher	Date and Hour 8/2/13 2:30pm	
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.*

Describe Cause of Problem and Remedial Action Taken.*
Rancher found leak and called YPC. Vacuum Trucks were called in and the area was sealed off. A Dirt work Contractor was sent to the location to berm up and remove affected soil. The line took about 13 hours to patch.

Describe Area Affected and Cleanup Action Taken.*
Line was shut in and replaced. Affected soil has been taken to CRI. Area has been fenced in to protect livestock. Samples taken and sent to third party lab for BTEX, TPH and Cl- analysis.

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: Austin Weyant	Approved by Environmental Specialist:	Signed By:
Title: Eng Tech	AUG 23 2013	Expiration Date:
E-mail Address: aweyant@yatespetroleum.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/15/13 Phone: 575 513-8988		

* Attach Additional Sheets If Necessary
NTJW 1323538962
Released by *NTJW* 3/28/2022 8:55:50 AM

2RP-1858



08-05-2013 07:48

THOMAS AJJ &
JOHNSTON BE BTTRY.
NENE SEC.8-T19S-R25E
CA: NM85319

EDDY CO., NM 30-015-26824

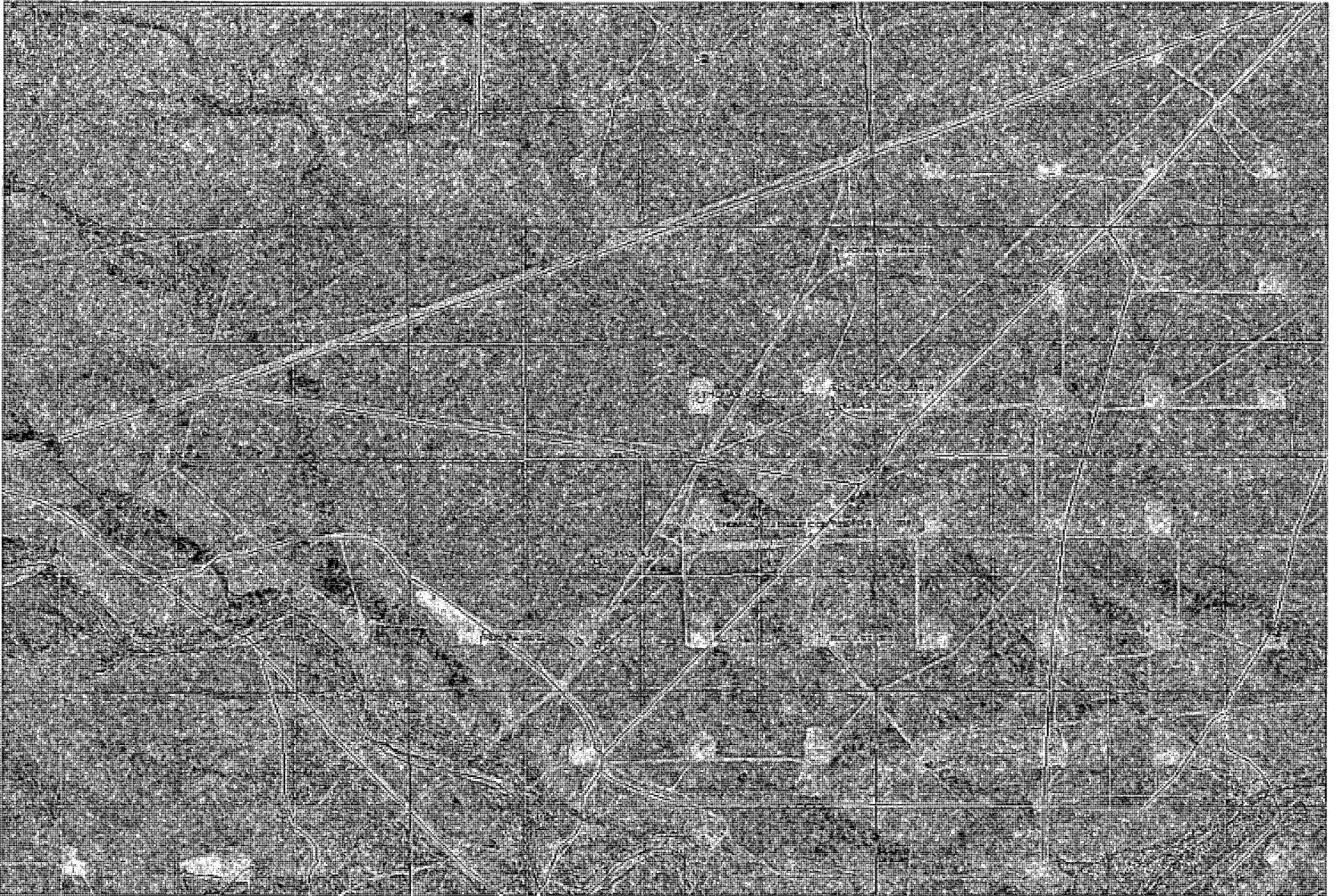
08.05.2013 10.03

Warren, JeanMarie, EMNRD

From: Austin Weyant <AWeyant@yatespetroleum.com>
Sent: Thursday, August 15, 2013 11:33 AM
To: Bratcher, Mike, EMNRD
Cc: Warren, JeanMarie, EMNRD
Subject: Johnson BE Battery #1 (6"PVC) spill

Lat : 32.68261
Long: -104.50022

This message may contain confidential information and is intended for the named recipient only. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.

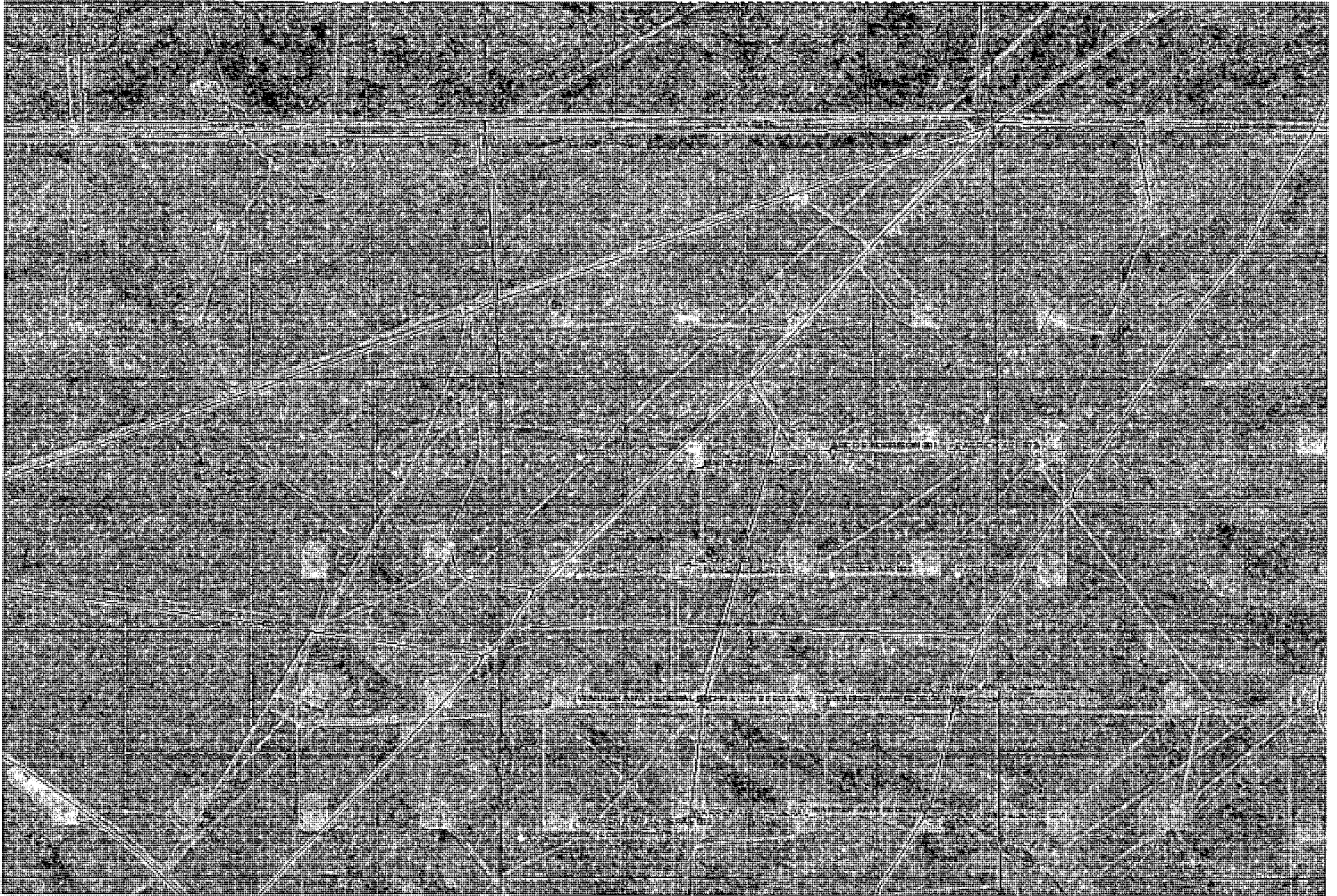


Oil Conservation Division

MapNotes

DrawnBy

8/15/2013 11:46:29 AM



Oil Conservation Division

MapNotes

DrawnBy

8/15/2013 11:38:30 AM

Bratcher, Mike, EMNRD

REVISED

From: Bob Asher <BobA@yatespetroleum.com>
Sent: Monday, August 05, 2013 8:01 AM
To: Bratcher, Mike, EMNRD; Dade, Randy, EMNRD
Cc: Amber Cannon; Katie Parker; Lupe Carrasco
Subject: RE: Release (Johnson BE Battery)

Randy,

Per our telephone conversation this morning, the actual amount released was 70 B/PW with 0 B/PW recovered. The remaining produced water was recovered by vacuum trucks while the pipe line was being repaired. Corrected information below.

Yates Petroleum Corporation is reporting a release at the following location (8/2/2013).

Johnston BE Battery
30-015-20054
Section 8, T19S-R25E
Eddy County, New Mexico

Released: Approximately 70 B/PW; Recovered: 0 B/PW.

Cause of release is from a pipe line release. Well(s) shut in. Release area isolated. Vacuum truck(s) and backhoe crew were called.

A Form C-141 Initial will be submitted with complete information.

Thank you.

Robert Asher
Yates Petroleum Corporation
boba@yatespetroleum.com

From: Bob Asher
Sent: Monday, August 05, 2013 7:37 AM
To: (mike.bratcher@state.nm.us); (Randy.Dade@state.nm.us)
Cc: Amber Cannon; Katie Parker; Lupe Carrasco
Subject: Release (Johnson BE Battery)

Yates Petroleum Corporation is reporting a release at the following location (8/2/2013).

Johnston BE Battery
30-015-20054
Section 8, T19S-R25E
Eddy County, New Mexico

Released: Approximately 1100 B/PW; Recovered: 1040 B/PW.

Cause of release is from a pipe line release. Well(s) shut in. Release area isolated. Vacuum truck(s) and backhoe crew were called.

A Form C-141 Initial will be submitted with complete information.

Thank you.

Robert Asher

NM Environmental Regulatory Supervisor

Yates Petroleum Corporation

105 S. 4th Street

Artesia, NM 88210

575-748-4217 (Office)

575-365-4021 (Cell)

This message may contain confidential information and is intended for the named recipient only. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.

8/22/13 - F/u phone conversation. per Austin Weyant - this release belongs to Agave - Not Yates. This is a gas Release.
Jean Marie L. Warren

ATTACHMENT 3 – PHOTOGRAPHIC
DOCUMENTATION



PHOTOGRAPH NO. 1 – A general view of the August 2, 2013 release collected by Yates representatives. The view is towards the west-southwest. (Approximate GPS coordinates 32.683022, -104.499690)



PHOTOGRAPH NO. 2 – A view of the impact areas associated with the August 2, 2013 release by Yates representatives. The Field Reported Agave Release Location (identified by the red arrow) can be seen in the photograph. (Approximate GPS coordinates 32.683082, -104.499576)



PHOTOGRAPH NO. 3 – A view of the April 12, 2016 release in the vicinity of the release location during the initial response. The view is towards the northwest. The extent of fluids released to north is noted to be limited. (Approximate GPS coordinates 32.682571, -104.500181)



PHOTOGRAPH NO. 4 – An additional view of the April 12, 2016 release during the initial response activities. The view is from the northeastern extent of the impacted area towards the southwest. The Field Reported Agave Release Location (identified by the red arrow) can be seen in the photograph and is noted to be bare of vegetation. (Approximate GPS coordinates 32.682914, -104.499306)



PHOTOGRAPH NO. 5 – A view of the Western Impact/Excavation Area collected during the EM Survey completed by Ranger on June 9, 2021. The view is towards the west-southwest. (Approximate GPS coordinates 32.682732, -104.499857)



PHOTOGRAPH NO. 6 – A view of the Eastern Impact/Excavation Area collected during the EM Survey completed by Ranger on June 9, 2021. The view is towards the east. (Approximate GPS coordinates 32.682732, -104.499857)



PHOTOGRAPH NO. 7 – A view collected during the August 10, 2021 assessment activities. The view is towards the southeast. (Approximate GPS coordinates 32.682732, -104.499857)



PHOTOGRAPH NO. 8 – A view of the on-going soil removal operations along the northern wall of the Western Impact/Excavation Area in the vicinity of the two PVC lines. (Approximate GPS coordinates 32.682723, -104.500133)



PHOTOGRAPH NO. 9 – A view of the on-going soil removal operations on October 12, 2021. The view is towards the southwest. (Approximate GPS coordinates 32.682527, -104.500060)



PHOTOGRAPH NO. 10 – A view of soil removal operations along below the high-pressure gas line. The view is towards the west-northwest (Approximate GPS coordinates 32.682464, -104.500218)



PHOTOGRAPH NO. 11 – A view of Western Impact/Excavation Area during October 9, 2021 assessment and sampling event. (Approximate GPS coordinates 32.682437, -104.500304)



PHOTOGRAPH NO.12 – A general view of the excavated Western Impact/Excavation Area. (Approximate GPS coordinates 32.682534, -104.500053)



PHOTOGRAPH NO. 13 – A view of Western Impact/Excavation Area during the remedial process. The view is towards the north. (Approximate GPS coordinates 32.682437, -104.500304)



PHOTOGRAPH NO.14 – A general view of the Northwestern Assessment Trench on November 23, 2021. The trench can be seen immediately the viewer left of the two PVC lines.



PHOTOGRAPH NO. 15 – A view of Eastern Impact/Excavation Area during the backfill process. The view is towards the east-northeast. (Approximate GPS coordinates 32.682437, -104.500304)



PHOTOGRAPH NO.16 – A view of Western Impact/Excavation Area during the backfill process. The view is towards the northwest (Approximate GPS coordinates 32.682437, -104.500304)

ATTACHMENT 4 – LABORATORY ANALYTICAL REPORTS



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

March 19, 2021

Chris Knight

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: State CO SWD System Johnston BE Battery

OrderNo.: 2103812

Dear Chris Knight:

Hall Environmental Analysis Laboratory received 12 sample(s) on 3/17/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com 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: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103812

Lab ID: 2103812-001 **Collection Date:** 3/16/2021 10:45:00 AM
Client Sample ID: SW-2 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	140	60		mg/Kg	20	3/17/2021 10:10:46 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/17/2021 10:07:11 AM	58777
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/17/2021 10:07:11 AM	58777
Surr: DNOP	72.8	70-130		%Rec	1	3/17/2021 10:07:11 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	3/17/2021 8:08:19 AM	A76003
Surr: BFB	104	75.3-105		%Rec	1	3/17/2021 8:08:19 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	3/17/2021 8:08:19 AM	C76003
Toluene	ND	0.040		mg/Kg	1	3/17/2021 8:08:19 AM	C76003
Ethylbenzene	ND	0.040		mg/Kg	1	3/17/2021 8:08:19 AM	C76003
Xylenes, Total	ND	0.081		mg/Kg	1	3/17/2021 8:08:19 AM	C76003
Surr: 4-Bromofluorobenzene	97.6	80-120		%Rec	1	3/17/2021 8:08:19 AM	C76003

Lab ID: 2103812-002 **Collection Date:** 3/16/2021 11:00:00 AM
Client Sample ID: SW-1 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	60		mg/Kg	20	3/17/2021 10:23:10 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/17/2021 10:16:48 AM	58777
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2021 10:16:48 AM	58777
Surr: DNOP	71.4	70-130		%Rec	1	3/17/2021 10:16:48 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/17/2021 8:31:54 AM	A76003
Surr: BFB	101	75.3-105		%Rec	1	3/17/2021 8:31:54 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	3/17/2021 8:31:54 AM	C76003
Toluene	ND	0.046		mg/Kg	1	3/17/2021 8:31:54 AM	C76003
Ethylbenzene	ND	0.046		mg/Kg	1	3/17/2021 8:31:54 AM	C76003
Xylenes, Total	ND	0.092		mg/Kg	1	3/17/2021 8:31:54 AM	C76003
Surr: 4-Bromofluorobenzene	96.0	80-120		%Rec	1	3/17/2021 8:31:54 AM	C76003

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

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

Analytical Report

Lab Order: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103812
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103812-003 **Collection Date:** 3/16/2021 11:15:00 AM
Client Sample ID: SW-3 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	470	61		mg/Kg	20	3/17/2021 10:35:35 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	3/17/2021 10:26:37 AM	58777
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/17/2021 10:26:37 AM	58777
Surr: DNOP	63.9	70-130	S	%Rec	1	3/17/2021 10:26:37 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	3/17/2021 8:55:25 AM	A76003
Surr: BFB	101	75.3-105		%Rec	1	3/17/2021 8:55:25 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	3/17/2021 8:55:25 AM	C76003
Toluene	ND	0.044		mg/Kg	1	3/17/2021 8:55:25 AM	C76003
Ethylbenzene	ND	0.044		mg/Kg	1	3/17/2021 8:55:25 AM	C76003
Xylenes, Total	ND	0.088		mg/Kg	1	3/17/2021 8:55:25 AM	C76003
Surr: 4-Bromofluorobenzene	94.9	80-120		%Rec	1	3/17/2021 8:55:25 AM	C76003

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

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

Analytical Report

Lab Order: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103812

Lab ID: 2103812-004 **Collection Date:** 3/16/2021 11:45:00 AM
Client Sample ID: SW-4 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	3/17/2021 10:48:00 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/17/2021 10:36:26 AM	58777
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2021 10:36:26 AM	58777
Surr: DNOP	65.9	70-130	S	%Rec	1	3/17/2021 10:36:26 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/17/2021 9:19:04 AM	A76003
Surr: BFB	102	75.3-105		%Rec	1	3/17/2021 9:19:04 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/17/2021 9:19:04 AM	C76003
Toluene	ND	0.049		mg/Kg	1	3/17/2021 9:19:04 AM	C76003
Ethylbenzene	ND	0.049		mg/Kg	1	3/17/2021 9:19:04 AM	C76003
Xylenes, Total	ND	0.099		mg/Kg	1	3/17/2021 9:19:04 AM	C76003
Surr: 4-Bromofluorobenzene	96.2	80-120		%Rec	1	3/17/2021 9:19:04 AM	C76003

Lab ID: 2103812-005 **Collection Date:** 3/16/2021 11:50:00 AM
Client Sample ID: SW-5 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	250	60		mg/Kg	20	3/17/2021 11:00:25 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/17/2021 10:46:13 AM	58777
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/17/2021 10:46:13 AM	58777
Surr: DNOP	63.0	70-130	S	%Rec	1	3/17/2021 10:46:13 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	3/17/2021 9:42:37 AM	A76003
Surr: BFB	105	75.3-105	S	%Rec	1	3/17/2021 9:42:37 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	3/17/2021 9:42:37 AM	C76003
Toluene	ND	0.041		mg/Kg	1	3/17/2021 9:42:37 AM	C76003
Ethylbenzene	ND	0.041		mg/Kg	1	3/17/2021 9:42:37 AM	C76003
Xylenes, Total	ND	0.082		mg/Kg	1	3/17/2021 9:42:37 AM	C76003
Surr: 4-Bromofluorobenzene	99.2	80-120		%Rec	1	3/17/2021 9:42:37 AM	C76003

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

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

Analytical Report

Lab Order: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103812

Lab ID: 2103812-006

Collection Date: 3/16/2021 11:55:00 AM

Client Sample ID: SW-6

Matrix: MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	72	60		mg/Kg	20	3/17/2021 11:12:49 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/17/2021 10:56:00 AM	58777
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2021 10:56:00 AM	58777
Surr: DNOP	64.5	70-130	S	%Rec	1	3/17/2021 10:56:00 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	3/17/2021 10:06:17 AM	A76003
Surr: BFB	104	75.3-105		%Rec	1	3/17/2021 10:06:17 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	3/17/2021 10:06:17 AM	C76003
Toluene	ND	0.044		mg/Kg	1	3/17/2021 10:06:17 AM	C76003
Ethylbenzene	ND	0.044		mg/Kg	1	3/17/2021 10:06:17 AM	C76003
Xylenes, Total	ND	0.088		mg/Kg	1	3/17/2021 10:06:17 AM	C76003
Surr: 4-Bromofluorobenzene	97.2	80-120		%Rec	1	3/17/2021 10:06:17 AM	C76003

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

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

Analytical Report

Lab Order: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103812

Lab ID: 2103812-007 **Collection Date:** 3/16/2021 12:00:00 PM
Client Sample ID: SW-7 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	160	60		mg/Kg	20	3/17/2021 11:25:14 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/17/2021 11:05:46 AM	58777
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/17/2021 11:05:46 AM	58777
Surr: DNOP	66.5	70-130	S	%Rec	1	3/17/2021 11:05:46 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	3/17/2021 10:29:42 AM	A76003
Surr: BFB	110	75.3-105	S	%Rec	1	3/17/2021 10:29:42 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	3/17/2021 10:29:42 AM	C76003
Toluene	ND	0.045		mg/Kg	1	3/17/2021 10:29:42 AM	C76003
Ethylbenzene	ND	0.045		mg/Kg	1	3/17/2021 10:29:42 AM	C76003
Xylenes, Total	ND	0.090		mg/Kg	1	3/17/2021 10:29:42 AM	C76003
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	3/17/2021 10:29:42 AM	C76003

Lab ID: 2103812-008 **Collection Date:** 3/16/2021 12:10:00 PM
Client Sample ID: SW-8 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	380	60		mg/Kg	20	3/17/2021 11:37:39 AM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/17/2021 11:15:32 AM	58777
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/17/2021 11:15:32 AM	58777
Surr: DNOP	74.4	70-130		%Rec	1	3/17/2021 11:15:32 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	3/17/2021 10:53:28 AM	A76003
Surr: BFB	105	75.3-105		%Rec	1	3/17/2021 10:53:28 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	3/17/2021 10:53:28 AM	C76003
Toluene	ND	0.042		mg/Kg	1	3/17/2021 10:53:28 AM	C76003
Ethylbenzene	ND	0.042		mg/Kg	1	3/17/2021 10:53:28 AM	C76003
Xylenes, Total	ND	0.084		mg/Kg	1	3/17/2021 10:53:28 AM	C76003
Surr: 4-Bromofluorobenzene	98.0	80-120		%Rec	1	3/17/2021 10:53:28 AM	C76003

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

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

Analytical Report

Lab Order: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103812

Lab ID: 2103812-009

Collection Date: 3/16/2021 12:20:00 PM

Client Sample ID: SW-9

Matrix: MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	420	59		mg/Kg	20	3/17/2021 12:14:53 PM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/17/2021 11:25:16 AM	58777
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/17/2021 11:25:16 AM	58777
Surr: DNOP	63.9	70-130	S	%Rec	1	3/17/2021 11:25:16 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	3/17/2021 11:17:13 AM	A76003
Surr: BFB	103	75.3-105		%Rec	1	3/17/2021 11:17:13 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	3/17/2021 11:17:13 AM	C76003
Toluene	ND	0.045		mg/Kg	1	3/17/2021 11:17:13 AM	C76003
Ethylbenzene	ND	0.045		mg/Kg	1	3/17/2021 11:17:13 AM	C76003
Xylenes, Total	ND	0.090		mg/Kg	1	3/17/2021 11:17:13 AM	C76003
Surr: 4-Bromofluorobenzene	97.2	80-120		%Rec	1	3/17/2021 11:17:13 AM	C76003

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

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

Analytical Report

Lab Order: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103812

Lab ID: 2103812-010 **Collection Date:** 3/16/2021 12:30:00 PM
Client Sample ID: SW-10 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	720	60		mg/Kg	20	3/17/2021 12:27:17 PM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/17/2021 11:34:59 AM	58777
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/17/2021 11:34:59 AM	58777
Surr: DNOP	30.1	70-130	S	%Rec	1	3/17/2021 11:34:59 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.3		mg/Kg	1	3/17/2021 11:40:52 AM	A76003
Surr: BFB	104	75.3-105		%Rec	1	3/17/2021 11:40:52 AM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.031		mg/Kg	1	3/17/2021 11:40:52 AM	C76003
Toluene	ND	0.063		mg/Kg	1	3/17/2021 11:40:52 AM	C76003
Ethylbenzene	ND	0.063		mg/Kg	1	3/17/2021 11:40:52 AM	C76003
Xylenes, Total	ND	0.13		mg/Kg	1	3/17/2021 11:40:52 AM	C76003
Surr: 4-Bromofluorobenzene	97.2	80-120		%Rec	1	3/17/2021 11:40:52 AM	C76003

Lab ID: 2103812-011 **Collection Date:** 3/16/2021 12:35:00 PM
Client Sample ID: SW-11 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	400	60		mg/Kg	20	3/17/2021 12:39:42 PM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/17/2021 11:44:42 AM	58777
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2021 11:44:42 AM	58777
Surr: DNOP	27.2	70-130	S	%Rec	1	3/17/2021 11:44:42 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/17/2021 12:28:21 PM	A76003
Surr: BFB	105	75.3-105		%Rec	1	3/17/2021 12:28:21 PM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/17/2021 12:28:21 PM	C76003
Toluene	ND	0.047		mg/Kg	1	3/17/2021 12:28:21 PM	C76003
Ethylbenzene	ND	0.047		mg/Kg	1	3/17/2021 12:28:21 PM	C76003
Xylenes, Total	ND	0.095		mg/Kg	1	3/17/2021 12:28:21 PM	C76003
Surr: 4-Bromofluorobenzene	98.9	80-120		%Rec	1	3/17/2021 12:28:21 PM	C76003

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

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

Analytical Report

Lab Order: 2103812

Date Reported: 3/19/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103812

Lab ID: 2103812-012

Collection Date: 3/16/2021 12:45:00 PM

Client Sample ID: SW-13

Matrix: MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	61		mg/Kg	20	3/17/2021 12:52:07 PM	58780
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/17/2021 11:54:24 AM	58777
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/17/2021 11:54:24 AM	58777
Surr: DNOP	21.3	70-130	S	%Rec	1	3/17/2021 11:54:24 AM	58777
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	3/17/2021 12:52:05 PM	A76003
Surr: BFB	102	75.3-105		%Rec	1	3/17/2021 12:52:05 PM	A76003
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	3/17/2021 12:52:05 PM	C76003
Toluene	ND	0.044		mg/Kg	1	3/17/2021 12:52:05 PM	C76003
Ethylbenzene	ND	0.044		mg/Kg	1	3/17/2021 12:52:05 PM	C76003
Xylenes, Total	ND	0.088		mg/Kg	1	3/17/2021 12:52:05 PM	C76003
Surr: 4-Bromofluorobenzene	96.0	80-120		%Rec	1	3/17/2021 12:52:05 PM	C76003

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103812

19-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: MB-58780	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 58780	RunNo: 75989								
Prep Date: 3/17/2021	Analysis Date: 3/17/2021	SeqNo: 2690690	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58780	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 58780	RunNo: 75989								
Prep Date: 3/17/2021	Analysis Date: 3/17/2021	SeqNo: 2690691	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.3	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103812

19-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: MB-58777	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 58777	RunNo: 75997								
Prep Date: 3/17/2021	Analysis Date: 3/17/2021	SeqNo: 2689987	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	8.9		10.00		88.6	70	130			

Sample ID: LCS-58777	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 58777	RunNo: 75997								
Prep Date: 3/17/2021	Analysis Date: 3/17/2021	SeqNo: 2689989	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.7	68.9	141			
Surr: DNOP	4.2		5.000		83.8	70	130			

Sample ID: 2103812-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-2	Batch ID: 58777	RunNo: 75997								
Prep Date: 3/17/2021	Analysis Date: 3/17/2021	SeqNo: 2689991	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	8.8	43.94	0	88.9	15	184			
Surr: DNOP	0.21		4.394		4.72	70	130			S

Sample ID: 2103812-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-2	Batch ID: 58777	RunNo: 75997								
Prep Date: 3/17/2021	Analysis Date: 3/17/2021	SeqNo: 2689993	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	8.9	44.37	0	87.9	15	184	0.0877	23.9	
Surr: DNOP	0.43		4.437		9.68	70	130	0	0	S

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103812

19-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: mb1	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: A76003		RunNo: 76003							
Prep Date:	Analysis Date: 3/17/2021		SeqNo: 2690429		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	75.3	105			

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: A76003		RunNo: 76003							
Prep Date:	Analysis Date: 3/17/2021		SeqNo: 2690430		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	80	120			
Surr: BFB	1200		1000		120	75.3	105			S

Sample ID: 2103812-001ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW-2	Batch ID: A76003		RunNo: 76053							
Prep Date:	Analysis Date: 3/18/2021		SeqNo: 2691959		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.0	20.21	0	93.8	61.3	114			
Surr: BFB	950		808.4		118	75.3	105			S

Sample ID: 2103812-001amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW-2	Batch ID: A76003		RunNo: 76053							
Prep Date:	Analysis Date: 3/18/2021		SeqNo: 2691960		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.0	20.21	0	101	61.3	114	7.59	20	
Surr: BFB	970		808.4		120	75.3	105	0	0	S

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103812

19-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: mb1	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: C76003		RunNo: 76003							
Prep Date:	Analysis Date: 3/17/2021		SeqNo: 2690494		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		96.5	80	120			

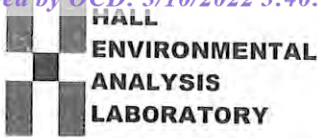
Sample ID: 100ng btex lcs	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: C76003		RunNo: 76003							
Prep Date:	Analysis Date: 3/17/2021		SeqNo: 2690497		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.1	80	120			
Toluene	0.91	0.050	1.000	0	90.6	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.8	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.4	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.4	80	120			

Sample ID: 2103812-002ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW-1	Batch ID: C76003		RunNo: 76053							
Prep Date:	Analysis Date: 3/18/2021		SeqNo: 2692003		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.023	0.9183	0	90.9	76.3	120			
Toluene	0.84	0.046	0.9183	0	91.9	78.5	120			
Ethylbenzene	0.84	0.046	0.9183	0	91.6	78.1	124			
Xylenes, Total	2.5	0.092	2.755	0	91.2	79.3	125			
Surr: 4-Bromofluorobenzene	0.94		0.9183		103	80	120			

Sample ID: 2103812-002amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW-1	Batch ID: C76003		RunNo: 76053							
Prep Date:	Analysis Date: 3/18/2021		SeqNo: 2692004		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.023	0.9183	0	88.0	76.3	120	3.31	20	
Toluene	0.82	0.046	0.9183	0	89.6	78.5	120	2.56	20	
Ethylbenzene	0.82	0.046	0.9183	0	88.8	78.1	124	3.07	20	
Xylenes, Total	2.4	0.092	2.755	0	88.5	79.3	125	2.93	20	
Surr: 4-Bromofluorobenzene	0.95		0.9183		103	80	120	0	0	

Qualifiers:

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



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

Sample Log-In Check List

Client Name: GHD Work Order Number: 2103812 RcptNo: 1

Received By: Cheyenne Cason 3/17/2021 8:00:00 AM

Completed By: Cheyenne Cason 3/17/2021 8:10:29 AM

Reviewed By: SGL 3/17/21

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: Adjusted? Checked by: (Handwritten: IO 3/17/21)

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 3.8, Good, [], [], [], []

Chain-of-Custody Record

Client: GHD
 Mailing Address:
 324 W. Main St. Suite 208, Artesia, NM 87210
 Phone #: (505) 377-4218
 email or Fax#: Jeff.Walker@GHD.com
 QA/QC Package: Zach.comino@GHD.com
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC

Turn-Around Time: Same Day
 Standard Rush
 Project Name: ST
State CO SWD system Johnston BE Inter
 Project #: 11218740
 Project Manager: Jeff Walker
Chris knight
 Sampler: Zach Comino
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 3.8+0=3.8 (°C)



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

Analysis Request	
<input checked="" type="checkbox"/> BTEX / MTBE / TMB's (8021)	
<input checked="" type="checkbox"/> TPH:8015D(GRO / DRO / MRO)	
8081 Pesticides/8082 PCB's	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	<u>Chloride Method 800</u>

Container Type and #	Preservative Type	HEAL No.	Date	Time
<u>4 on Ice</u>		<u>2103812</u>		
		<u>001</u>		
		<u>002</u>		
		<u>003</u>		
		<u>004</u>		
		<u>005</u>		
		<u>006</u>		
		<u>007</u>		
		<u>008</u>		
		<u>009</u>		
		<u>010</u>		
		<u>011</u>		
		<u>012</u>		

Received by: [Signature] Date: 3/16/21 Time: 1400
 Relinquished by: Zach Comino
 Received by: CC Date: 3/16/21 Time: 0800

Remarks: Please cc Chris knight w/ Results
christopher.knight@GHD.com



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

March 25, 2021

Chris Knight

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: State CO SWD System Johnston BE Battery

OrderNo.: 2103950

Dear Chris Knight:

Hall Environmental Analysis Laboratory received 35 sample(s) on 3/19/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com 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: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-001 **Collection Date:** 3/17/2021 8:00:00 AM

Client Sample ID: SW-12 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	480	60		mg/Kg	20	3/19/2021 11:09:52 AM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	3/19/2021 10:48:43 AM	58835
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	3/19/2021 10:48:43 AM	58835
Surr: DNOP	89.2	70-130		%Rec	1	3/19/2021 10:48:43 AM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	3/19/2021 11:00:00 AM	R7606E
Surr: BFB	89.9	75.3-105		%Rec	1	3/19/2021 11:00:00 AM	R7606E
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.021		mg/Kg	1	3/19/2021 11:00:00 AM	R7606E
Toluene	ND	0.042		mg/Kg	1	3/19/2021 11:00:00 AM	R7606E
Ethylbenzene	ND	0.042		mg/Kg	1	3/19/2021 11:00:00 AM	R7606E
Xylenes, Total	ND	0.085		mg/Kg	1	3/19/2021 11:00:00 AM	R7606E
Surr: 4-Bromofluorobenzene	92.7	80-120		%Rec	1	3/19/2021 11:00:00 AM	R7606E

Lab ID: 2103950-002 **Collection Date:** 3/17/2021 8:05:00 AM

Client Sample ID: BH-2 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	84	61		mg/Kg	20	3/19/2021 11:59:30 AM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/19/2021 11:00:41 AM	58835
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 11:00:41 AM	58835
Surr: DNOP	91.0	70-130		%Rec	1	3/19/2021 11:00:41 AM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	3/19/2021 11:20:00 AM	R7606E
Surr: BFB	90.6	75.3-105		%Rec	1	3/19/2021 11:20:00 AM	R7606E
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.017		mg/Kg	1	3/19/2021 11:20:00 AM	R7606E
Toluene	ND	0.034		mg/Kg	1	3/19/2021 11:20:00 AM	R7606E
Ethylbenzene	ND	0.034		mg/Kg	1	3/19/2021 11:20:00 AM	R7606E
Xylenes, Total	ND	0.067		mg/Kg	1	3/19/2021 11:20:00 AM	R7606E
Surr: 4-Bromofluorobenzene	93.7	80-120		%Rec	1	3/19/2021 11:20:00 AM	R7606E

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-003 **Collection Date:** 3/17/2021 8:15:00 AM
Client Sample ID: BH-3 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	150	60		mg/Kg	20	3/19/2021 12:11:55 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/19/2021 11:12:39 AM	58835
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 11:12:39 AM	58835
Surr: DNOP	84.9	70-130		%Rec	1	3/19/2021 11:12:39 AM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	3/19/2021 11:40:00 AM	R76069
Surr: BFB	92.4	75.3-105		%Rec	1	3/19/2021 11:40:00 AM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.022		mg/Kg	1	3/19/2021 11:40:00 AM	R76069
Toluene	ND	0.043		mg/Kg	1	3/19/2021 11:40:00 AM	R76069
Ethylbenzene	ND	0.043		mg/Kg	1	3/19/2021 11:40:00 AM	R76069
Xylenes, Total	ND	0.087		mg/Kg	1	3/19/2021 11:40:00 AM	R76069
Surr: 4-Bromofluorobenzene	94.8	80-120		%Rec	1	3/19/2021 11:40:00 AM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-004 **Collection Date:** 3/17/2021 8:30:00 AM

Client Sample ID: BH-5 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	240	61		mg/Kg	20	3/19/2021 12:24:19 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/19/2021 11:24:31 AM	58835
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 11:24:31 AM	58835
Surr: DNOP	87.7	70-130		%Rec	1	3/19/2021 11:24:31 AM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	3/19/2021 12:00:00 PM	R76069
Surr: BFB	96.4	75.3-105		%Rec	1	3/19/2021 12:00:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	3/19/2021 12:00:00 PM	R76069
Toluene	ND	0.037		mg/Kg	1	3/19/2021 12:00:00 PM	R76069
Ethylbenzene	ND	0.037		mg/Kg	1	3/19/2021 12:00:00 PM	R76069
Xylenes, Total	ND	0.074		mg/Kg	1	3/19/2021 12:00:00 PM	R76069
Surr: 4-Bromofluorobenzene	99.1	80-120		%Rec	1	3/19/2021 12:00:00 PM	R76069

Lab ID: 2103950-005 **Collection Date:** 3/17/2021 8:40:00 AM

Client Sample ID: BH-4 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	3/19/2021 12:36:43 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/19/2021 11:36:28 AM	58835
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/19/2021 11:36:28 AM	58835
Surr: DNOP	89.0	70-130		%Rec	1	3/19/2021 11:36:28 AM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	3/19/2021 12:20:00 PM	R76069
Surr: BFB	91.4	75.3-105		%Rec	1	3/19/2021 12:20:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.018		mg/Kg	1	3/19/2021 12:20:00 PM	R76069
Toluene	ND	0.037		mg/Kg	1	3/19/2021 12:20:00 PM	R76069
Ethylbenzene	ND	0.037		mg/Kg	1	3/19/2021 12:20:00 PM	R76069
Xylenes, Total	ND	0.074		mg/Kg	1	3/19/2021 12:20:00 PM	R76069
Surr: 4-Bromofluorobenzene	94.9	80-120		%Rec	1	3/19/2021 12:20:00 PM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-006 **Collection Date:** 3/17/2021 8:50:00 AM

Client Sample ID: BH-9 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	820	60		mg/Kg	20	3/19/2021 12:49:08 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	3/19/2021 11:48:28 AM	58835
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/19/2021 11:48:28 AM	58835
Surr: DNOP	93.2	70-130		%Rec	1	3/19/2021 11:48:28 AM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	3/19/2021 12:40:00 PM	R76069
Surr: BFB	92.3	75.3-105		%Rec	1	3/19/2021 12:40:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.021		mg/Kg	1	3/19/2021 12:40:00 PM	R76069
Toluene	ND	0.042		mg/Kg	1	3/19/2021 12:40:00 PM	R76069
Ethylbenzene	ND	0.042		mg/Kg	1	3/19/2021 12:40:00 PM	R76069
Xylenes, Total	ND	0.085		mg/Kg	1	3/19/2021 12:40:00 PM	R76069
Surr: 4-Bromofluorobenzene	94.3	80-120		%Rec	1	3/19/2021 12:40:00 PM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-007 **Collection Date:** 3/17/2021 9:00:00 AM
Client Sample ID: BH-7 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	61		mg/Kg	20	3/19/2021 1:01:33 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/19/2021 12:00:31 PM	58835
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/19/2021 12:00:31 PM	58835
Surr: DNOP	85.2	70-130		%Rec	1	3/19/2021 12:00:31 PM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	3/19/2021 12:59:00 PM	R76069
Surr: BFB	89.4	75.3-105		%Rec	1	3/19/2021 12:59:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.021		mg/Kg	1	3/19/2021 12:59:00 PM	R76069
Toluene	ND	0.043		mg/Kg	1	3/19/2021 12:59:00 PM	R76069
Ethylbenzene	ND	0.043		mg/Kg	1	3/19/2021 12:59:00 PM	R76069
Xylenes, Total	ND	0.086		mg/Kg	1	3/19/2021 12:59:00 PM	R76069
Surr: 4-Bromofluorobenzene	92.9	80-120		%Rec	1	3/19/2021 12:59:00 PM	R76069

Lab ID: 2103950-008 **Collection Date:** 3/17/2021 9:10:00 AM
Client Sample ID: BH-8 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	490	61		mg/Kg	20	3/19/2021 1:13:58 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2021 12:12:37 PM	58835
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 12:12:37 PM	58835
Surr: DNOP	85.4	70-130		%Rec	1	3/19/2021 12:12:37 PM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	3/19/2021 1:19:00 PM	R76069
Surr: BFB	89.5	75.3-105		%Rec	1	3/19/2021 1:19:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/19/2021 1:19:00 PM	R76069
Toluene	ND	0.051		mg/Kg	1	3/19/2021 1:19:00 PM	R76069
Ethylbenzene	ND	0.051		mg/Kg	1	3/19/2021 1:19:00 PM	R76069
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 1:19:00 PM	R76069
Surr: 4-Bromofluorobenzene	92.1	80-120		%Rec	1	3/19/2021 1:19:00 PM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-009 **Collection Date:** 3/17/2021 9:15:00 AM
Client Sample ID: BH-10 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	61	60		mg/Kg	20	3/19/2021 1:26:23 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/19/2021 12:24:47 PM	58835
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/19/2021 12:24:47 PM	58835
Surr: DNOP	93.8	70-130		%Rec	1	3/19/2021 12:24:47 PM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	3/19/2021 1:39:00 PM	R76069
Surr: BFB	89.2	75.3-105		%Rec	1	3/19/2021 1:39:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	3/19/2021 1:39:00 PM	R76069
Toluene	ND	0.039		mg/Kg	1	3/19/2021 1:39:00 PM	R76069
Ethylbenzene	ND	0.039		mg/Kg	1	3/19/2021 1:39:00 PM	R76069
Xylenes, Total	ND	0.078		mg/Kg	1	3/19/2021 1:39:00 PM	R76069
Surr: 4-Bromofluorobenzene	91.2	80-120		%Rec	1	3/19/2021 1:39:00 PM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-010 **Collection Date:** 3/17/2021 9:30:00 AM
Client Sample ID: BH-6 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	350	60		mg/Kg	20	3/19/2021 1:38:47 PM	58846
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/19/2021 12:37:04 PM	58835
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 12:37:04 PM	58835
Surr: DNOP	85.6	70-130		%Rec	1	3/19/2021 12:37:04 PM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	3/19/2021 1:59:00 PM	R76069
Surr: BFB	88.6	75.3-105		%Rec	1	3/19/2021 1:59:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.021		mg/Kg	1	3/19/2021 1:59:00 PM	R76069
Toluene	ND	0.042		mg/Kg	1	3/19/2021 1:59:00 PM	R76069
Ethylbenzene	ND	0.042		mg/Kg	1	3/19/2021 1:59:00 PM	R76069
Xylenes, Total	ND	0.083		mg/Kg	1	3/19/2021 1:59:00 PM	R76069
Surr: 4-Bromofluorobenzene	91.0	80-120		%Rec	1	3/19/2021 1:59:00 PM	R76069

Lab ID: 2103950-011 **Collection Date:** 3/17/2021 10:00:00 AM
Client Sample ID: BH-1 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	760	60		mg/Kg	20	3/19/2021 12:16:15 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/19/2021 12:49:16 PM	58835
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/19/2021 12:49:16 PM	58835
Surr: DNOP	88.9	70-130		%Rec	1	3/19/2021 12:49:16 PM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	3/19/2021 2:39:00 PM	R76069
Surr: BFB	91.4	75.3-105		%Rec	1	3/19/2021 2:39:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.021		mg/Kg	1	3/19/2021 2:39:00 PM	R76069
Toluene	ND	0.042		mg/Kg	1	3/19/2021 2:39:00 PM	R76069
Ethylbenzene	ND	0.042		mg/Kg	1	3/19/2021 2:39:00 PM	R76069
Xylenes, Total	ND	0.084		mg/Kg	1	3/19/2021 2:39:00 PM	R76069
Surr: 4-Bromofluorobenzene	94.5	80-120		%Rec	1	3/19/2021 2:39:00 PM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-012 **Collection Date:** 3/17/2021 10:10:00 AM
Client Sample ID: BH-14 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/19/2021 12:28:36 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	3/19/2021 1:01:40 PM	58835
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/19/2021 1:01:40 PM	58835
Surr: DNOP	87.7	70-130		%Rec	1	3/19/2021 1:01:40 PM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	3/19/2021 2:59:00 PM	R76069
Surr: BFB	89.2	75.3-105		%Rec	1	3/19/2021 2:59:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	3/19/2021 2:59:00 PM	R76069
Toluene	ND	0.039		mg/Kg	1	3/19/2021 2:59:00 PM	R76069
Ethylbenzene	ND	0.039		mg/Kg	1	3/19/2021 2:59:00 PM	R76069
Xylenes, Total	ND	0.077		mg/Kg	1	3/19/2021 2:59:00 PM	R76069
Surr: 4-Bromofluorobenzene	92.4	80-120		%Rec	1	3/19/2021 2:59:00 PM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-013 **Collection Date:** 3/17/2021 10:20:00 AM
Client Sample ID: BH-12 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	750	60		mg/Kg	20	3/19/2021 12:40:58 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	3/19/2021 1:14:09 PM	58835
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/19/2021 1:14:09 PM	58835
Surr: DNOP	85.2	70-130		%Rec	1	3/19/2021 1:14:09 PM	58835
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	3/19/2021 3:19:00 PM	R7606E
Surr: BFB	93.0	75.3-105		%Rec	1	3/19/2021 3:19:00 PM	R7606E
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.020		mg/Kg	1	3/19/2021 3:19:00 PM	R7606E
Toluene	ND	0.040		mg/Kg	1	3/19/2021 3:19:00 PM	R7606E
Ethylbenzene	ND	0.040		mg/Kg	1	3/19/2021 3:19:00 PM	R7606E
Xylenes, Total	ND	0.080		mg/Kg	1	3/19/2021 3:19:00 PM	R7606E
Surr: 4-Bromofluorobenzene	97.5	80-120		%Rec	1	3/19/2021 3:19:00 PM	R7606E

Lab ID: 2103950-014 **Collection Date:** 3/17/2021 10:30:00 AM
Client Sample ID: BH-13 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	480	60		mg/Kg	20	3/19/2021 12:53:18 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/19/2021 10:22:22 AM	58840
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 10:22:22 AM	58840
Surr: DNOP	79.2	70-130		%Rec	1	3/19/2021 10:22:22 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	3/19/2021 3:38:00 PM	R7606E
Surr: BFB	90.1	75.3-105		%Rec	1	3/19/2021 3:38:00 PM	R7606E
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.017		mg/Kg	1	3/19/2021 3:38:00 PM	R7606E
Toluene	ND	0.034		mg/Kg	1	3/19/2021 3:38:00 PM	R7606E
Ethylbenzene	ND	0.034		mg/Kg	1	3/19/2021 3:38:00 PM	R7606E
Xylenes, Total	ND	0.069		mg/Kg	1	3/19/2021 3:38:00 PM	R7606E
Surr: 4-Bromofluorobenzene	92.0	80-120		%Rec	1	3/19/2021 3:38:00 PM	R7606E

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-015 **Collection Date:** 3/17/2021 10:40:00 AM
Client Sample ID: BH-11 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	340	60		mg/Kg	20	3/19/2021 1:05:39 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/19/2021 10:31:48 AM	58840
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 10:31:48 AM	58840
Surr: DNOP	73.9	70-130		%Rec	1	3/19/2021 10:31:48 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	3/19/2021 3:58:00 PM	R76069
Surr: BFB	89.7	75.3-105		%Rec	1	3/19/2021 3:58:00 PM	R76069
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	3/19/2021 3:58:00 PM	R76069
Toluene	ND	0.038		mg/Kg	1	3/19/2021 3:58:00 PM	R76069
Ethylbenzene	ND	0.038		mg/Kg	1	3/19/2021 3:58:00 PM	R76069
Xylenes, Total	ND	0.076		mg/Kg	1	3/19/2021 3:58:00 PM	R76069
Surr: 4-Bromofluorobenzene	93.1	80-120		%Rec	1	3/19/2021 3:58:00 PM	R76069

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-016 **Collection Date:** 3/17/2021 10:50:00 AM
Client Sample ID: BH-15 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/19/2021 1:18:00 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2021 10:41:16 AM	58840
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 10:41:16 AM	58840
Surr: DNOP	78.7	70-130		%Rec	1	3/19/2021 10:41:16 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/20/2021 12:17:00 PM	58844
Surr: BFB	94.7	75.3-105		%Rec	1	3/20/2021 12:17:00 PM	58844
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/20/2021 12:17:00 PM	58844
Toluene	ND	0.049		mg/Kg	1	3/20/2021 12:17:00 PM	58844
Ethylbenzene	ND	0.049		mg/Kg	1	3/20/2021 12:17:00 PM	58844
Xylenes, Total	ND	0.099		mg/Kg	1	3/20/2021 12:17:00 PM	58844
Surr: 4-Bromofluorobenzene	91.9	80-120		%Rec	1	3/20/2021 12:17:00 PM	58844

Lab ID: 2103950-017 **Collection Date:** 3/17/2021 11:00:00 AM
Client Sample ID: BH-16 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	360	59		mg/Kg	20	3/19/2021 1:30:21 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	3/19/2021 10:50:46 AM	58840
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/19/2021 10:50:46 AM	58840
Surr: DNOP	74.4	70-130		%Rec	1	3/19/2021 10:50:46 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 10:55:40 AM	G76071
Surr: BFB	104	75.3-105		%Rec	1	3/19/2021 10:55:40 AM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 10:55:40 AM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 10:55:40 AM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 10:55:40 AM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 10:55:40 AM	B76071
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	3/19/2021 10:55:40 AM	B76071

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-018

Collection Date: 3/17/2021 11:10:00 AM

Client Sample ID: BH-17

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	430	60		mg/Kg	20	3/19/2021 1:42:43 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/19/2021 11:00:18 AM	58840
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/19/2021 11:00:18 AM	58840
Surr: DNOP	77.2	70-130		%Rec	1	3/19/2021 11:00:18 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/20/2021 12:37:00 PM	58844
Surr: BFB	93.4	75.3-105		%Rec	1	3/20/2021 12:37:00 PM	58844
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/20/2021 12:37:00 PM	58844
Toluene	ND	0.050		mg/Kg	1	3/20/2021 12:37:00 PM	58844
Ethylbenzene	ND	0.050		mg/Kg	1	3/20/2021 12:37:00 PM	58844
Xylenes, Total	ND	0.099		mg/Kg	1	3/20/2021 12:37:00 PM	58844
Surr: 4-Bromofluorobenzene	94.9	80-120		%Rec	1	3/20/2021 12:37:00 PM	58844

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-019 **Collection Date:** 3/17/2021 12:30:00 PM
Client Sample ID: BH-18 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	420	60		mg/Kg	20	3/19/2021 2:19:46 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/19/2021 11:09:51 AM	58840
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/19/2021 11:09:51 AM	58840
Surr: DNOP	76.9	70-130		%Rec	1	3/19/2021 11:09:51 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 11:19:12 AM	G76071
Surr: BFB	100	75.3-105		%Rec	1	3/19/2021 11:19:12 AM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 11:19:12 AM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 11:19:12 AM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 11:19:12 AM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 11:19:12 AM	B76071
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	3/19/2021 11:19:12 AM	B76071

Lab ID: 2103950-020 **Collection Date:** 3/17/2021 12:40:00 PM
Client Sample ID: BH-20 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	510	60		mg/Kg	20	3/19/2021 2:32:07 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/19/2021 11:19:25 AM	58840
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 11:19:25 AM	58840
Surr: DNOP	74.6	70-130		%Rec	1	3/19/2021 11:19:25 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/20/2021 12:57:00 PM	58844
Surr: BFB	93.8	75.3-105		%Rec	1	3/20/2021 12:57:00 PM	58844
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/20/2021 12:57:00 PM	58844
Toluene	ND	0.048		mg/Kg	1	3/20/2021 12:57:00 PM	58844
Ethylbenzene	ND	0.048		mg/Kg	1	3/20/2021 12:57:00 PM	58844
Xylenes, Total	ND	0.096		mg/Kg	1	3/20/2021 12:57:00 PM	58844
Surr: 4-Bromofluorobenzene	95.3	80-120		%Rec	1	3/20/2021 12:57:00 PM	58844

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-021 **Collection Date:** 3/17/2021 12:50:00 PM
Client Sample ID: BH-21 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	560	60		mg/Kg	20	3/19/2021 2:44:29 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2021 11:28:58 AM	58840
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/19/2021 11:28:58 AM	58840
Surr: DNOP	68.4	70-130	S	%Rec	1	3/19/2021 11:28:58 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	3/20/2021 1:17:00 PM	58844
Surr: BFB	99.2	75.3-105		%Rec	5	3/20/2021 1:17:00 PM	58844
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.12		mg/Kg	5	3/20/2021 1:17:00 PM	58844
Toluene	ND	0.24		mg/Kg	5	3/20/2021 1:17:00 PM	58844
Ethylbenzene	ND	0.24		mg/Kg	5	3/20/2021 1:17:00 PM	58844
Xylenes, Total	ND	0.49		mg/Kg	5	3/20/2021 1:17:00 PM	58844
Surr: 4-Bromofluorobenzene	97.8	80-120		%Rec	5	3/20/2021 1:17:00 PM	58844

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-022 **Collection Date:** 3/17/2021 1:00:00 PM
Client Sample ID: BH-19 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	380	60		mg/Kg	20	3/19/2021 2:56:49 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/19/2021 11:38:32 AM	58840
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/19/2021 11:38:32 AM	58840
Surr: DNOP	80.5	70-130		%Rec	1	3/19/2021 11:38:32 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/20/2021 1:37:00 PM	58844
Surr: BFB	91.1	75.3-105		%Rec	1	3/20/2021 1:37:00 PM	58844
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	3/20/2021 1:37:00 PM	58844
Toluene	ND	0.046		mg/Kg	1	3/20/2021 1:37:00 PM	58844
Ethylbenzene	ND	0.046		mg/Kg	1	3/20/2021 1:37:00 PM	58844
Xylenes, Total	ND	0.092		mg/Kg	1	3/20/2021 1:37:00 PM	58844
Surr: 4-Bromofluorobenzene	93.4	80-120		%Rec	1	3/20/2021 1:37:00 PM	58844

Lab ID: 2103950-023 **Collection Date:** 3/17/2021 1:30:00 PM
Client Sample ID: BH-22 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	580	60		mg/Kg	20	3/19/2021 3:09:11 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2021 11:48:09 AM	58840
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 11:48:09 AM	58840
Surr: DNOP	75.7	70-130		%Rec	1	3/19/2021 11:48:09 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/20/2021 1:57:00 PM	58844
Surr: BFB	92.4	75.3-105		%Rec	1	3/20/2021 1:57:00 PM	58844
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/20/2021 1:57:00 PM	58844
Toluene	ND	0.049		mg/Kg	1	3/20/2021 1:57:00 PM	58844
Ethylbenzene	ND	0.049		mg/Kg	1	3/20/2021 1:57:00 PM	58844
Xylenes, Total	ND	0.097		mg/Kg	1	3/20/2021 1:57:00 PM	58844
Surr: 4-Bromofluorobenzene	92.6	80-120		%Rec	1	3/20/2021 1:57:00 PM	58844

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-024 **Collection Date:** 3/17/2021 2:00:00 PM
Client Sample ID: BH-23 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	580	60		mg/Kg	20	3/19/2021 3:21:33 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/19/2021 11:57:48 AM	58840
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 11:57:48 AM	58840
Surr: DNOP	74.7	70-130		%Rec	1	3/19/2021 11:57:48 AM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/20/2021 2:17:00 PM	58844
Surr: BFB	91.3	75.3-105		%Rec	1	3/20/2021 2:17:00 PM	58844
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/20/2021 2:17:00 PM	58844
Toluene	ND	0.050		mg/Kg	1	3/20/2021 2:17:00 PM	58844
Ethylbenzene	ND	0.050		mg/Kg	1	3/20/2021 2:17:00 PM	58844
Xylenes, Total	ND	0.10		mg/Kg	1	3/20/2021 2:17:00 PM	58844
Surr: 4-Bromofluorobenzene	88.0	80-120		%Rec	1	3/20/2021 2:17:00 PM	58844

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-025 **Collection Date:** 3/17/2021 3:00:00 PM

Client Sample ID: BH-26 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	370	61		mg/Kg	20	3/19/2021 3:33:54 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/19/2021 12:07:29 PM	58840
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/19/2021 12:07:29 PM	58840
Surr: DNOP	75.2	70-130		%Rec	1	3/19/2021 12:07:29 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 11:42:54 AM	G76071
Surr: BFB	99.0	75.3-105		%Rec	1	3/19/2021 11:42:54 AM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 11:42:54 AM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 11:42:54 AM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 11:42:54 AM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 11:42:54 AM	B76071
Surr: 4-Bromofluorobenzene	99.8	80-120		%Rec	1	3/19/2021 11:42:54 AM	B76071

Lab ID: 2103950-026 **Collection Date:** 3/17/2021 3:30:00 PM

Client Sample ID: BH-25 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	60		mg/Kg	20	3/19/2021 3:46:16 PM	58852
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/19/2021 12:17:11 PM	58840
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 12:17:11 PM	58840
Surr: DNOP	77.6	70-130		%Rec	1	3/19/2021 12:17:11 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 12:06:35 PM	G76071
Surr: BFB	99.6	75.3-105		%Rec	1	3/19/2021 12:06:35 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 12:06:35 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 12:06:35 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 12:06:35 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 12:06:35 PM	B76071
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	3/19/2021 12:06:35 PM	B76071

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-027 **Collection Date:** 3/17/2021 4:00:00 PM
Client Sample ID: BH-24 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	300	60		mg/Kg	20	3/19/2021 11:36:57 AM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/19/2021 12:26:55 PM	58840
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/19/2021 12:26:55 PM	58840
Surr: DNOP	78.2	70-130		%Rec	1	3/19/2021 12:26:55 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 12:53:49 PM	G76071
Surr: BFB	97.0	75.3-105		%Rec	1	3/19/2021 12:53:49 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 12:53:49 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 12:53:49 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 12:53:49 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 12:53:49 PM	B76071
Surr: 4-Bromofluorobenzene	98.2	80-120		%Rec	1	3/19/2021 12:53:49 PM	B76071

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-028 **Collection Date:** 3/17/2021 4:30:00 PM
Client Sample ID: BH-27 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	3/19/2021 11:49:22 AM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/19/2021 12:36:49 PM	58840
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/19/2021 12:36:49 PM	58840
Surr: DNOP	77.0	70-130		%Rec	1	3/19/2021 12:36:49 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 1:17:13 PM	G76071
Surr: BFB	98.6	75.3-105		%Rec	1	3/19/2021 1:17:13 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 1:17:13 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 1:17:13 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 1:17:13 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 1:17:13 PM	B76071
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	1	3/19/2021 1:17:13 PM	B76071

Lab ID: 2103950-029 **Collection Date:** 3/17/2021 4:45:00 PM
Client Sample ID: SW-10B **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	340	61		mg/Kg	20	3/19/2021 12:01:47 PM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/19/2021 12:46:41 PM	58840
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2021 12:46:41 PM	58840
Surr: DNOP	75.5	70-130		%Rec	1	3/19/2021 12:46:41 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 1:40:41 PM	G76071
Surr: BFB	97.9	75.3-105		%Rec	1	3/19/2021 1:40:41 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 1:40:41 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 1:40:41 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 1:40:41 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 1:40:41 PM	B76071
Surr: 4-Bromofluorobenzene	98.9	80-120		%Rec	1	3/19/2021 1:40:41 PM	B76071

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-030 **Collection Date:** 3/17/2021 5:30:00 PM
Client Sample ID: BH-29 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	310	60		mg/Kg	20	3/19/2021 12:14:12 PM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/19/2021 12:56:35 PM	58840
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/19/2021 12:56:35 PM	58840
Surr: DNOP	90.9	70-130		%Rec	1	3/19/2021 12:56:35 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 2:04:17 PM	G76071
Surr: BFB	103	75.3-105		%Rec	1	3/19/2021 2:04:17 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 2:04:17 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 2:04:17 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 2:04:17 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 2:04:17 PM	B76071
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	3/19/2021 2:04:17 PM	B76071

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-031 **Collection Date:** 3/17/2021 5:45:00 PM

Client Sample ID: BH-30 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/19/2021 12:26:37 PM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	3/19/2021 1:06:30 PM	58840
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/19/2021 1:06:30 PM	58840
Surr: DNOP	59.6	70-130	S	%Rec	1	3/19/2021 1:06:30 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 2:27:40 PM	G76071
Surr: BFB	99.1	75.3-105		%Rec	1	3/19/2021 2:27:40 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 2:27:40 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 2:27:40 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 2:27:40 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 2:27:40 PM	B76071
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	1	3/19/2021 2:27:40 PM	B76071

Lab ID: 2103950-032 **Collection Date:** 3/17/2021 5:50:00 PM

Client Sample ID: BH-31 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/19/2021 12:39:02 PM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/19/2021 1:16:24 PM	58840
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 1:16:24 PM	58840
Surr: DNOP	77.9	70-130		%Rec	1	3/19/2021 1:16:24 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	3/19/2021 2:51:10 PM	G76071
Surr: BFB	99.5	75.3-105		%Rec	5	3/19/2021 2:51:10 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	3/19/2021 2:51:10 PM	B76071
Toluene	ND	0.25		mg/Kg	5	3/19/2021 2:51:10 PM	B76071
Ethylbenzene	ND	0.25		mg/Kg	5	3/19/2021 2:51:10 PM	B76071
Xylenes, Total	ND	0.50		mg/Kg	5	3/19/2021 2:51:10 PM	B76071
Surr: 4-Bromofluorobenzene	99.7	80-120		%Rec	5	3/19/2021 2:51:10 PM	B76071

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103950
Project: State CO SWD System Johnston BE Battery

Lab ID: 2103950-033 **Collection Date:** 3/17/2021 6:00:00 PM
Client Sample ID: BH-33 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	61		mg/Kg	20	3/19/2021 12:51:27 PM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2021 1:26:18 PM	58840
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/19/2021 1:26:18 PM	58840
Surr: DNOP	72.2	70-130		%Rec	1	3/19/2021 1:26:18 PM	58840
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 3:14:52 PM	G76071
Surr: BFB	102	75.3-105		%Rec	1	3/19/2021 3:14:52 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 3:14:52 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 3:14:52 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 3:14:52 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 3:14:52 PM	B76071
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	3/19/2021 3:14:52 PM	B76071

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

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

Analytical Report

Lab Order: 2103950

Date Reported: 3/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2103950

Lab ID: 2103950-034 **Collection Date:** 3/17/2021 6:10:00 PM

Client Sample ID: BH-32 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	76	60		mg/Kg	20	3/19/2021 1:03:52 PM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2021 1:36:11 PM	58839
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 1:36:11 PM	58839
Surr: DNOP	77.8	70-130		%Rec	1	3/19/2021 1:36:11 PM	58839
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/19/2021 3:38:17 PM	G76071
Surr: BFB	103	75.3-105		%Rec	1	3/19/2021 3:38:17 PM	G76071
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/19/2021 3:38:17 PM	B76071
Toluene	ND	0.050		mg/Kg	1	3/19/2021 3:38:17 PM	B76071
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2021 3:38:17 PM	B76071
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2021 3:38:17 PM	B76071
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	3/19/2021 3:38:17 PM	B76071

Lab ID: 2103950-035 **Collection Date:** 3/17/2021 6:30:00 PM

Client Sample ID: BH-28 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	970	60		mg/Kg	20	3/19/2021 1:41:06 PM	58851
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2021 1:46:03 PM	58839
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/19/2021 1:46:03 PM	58839
Surr: DNOP	79.2	70-130		%Rec	1	3/19/2021 1:46:03 PM	58839
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	3/19/2021 4:18:00 PM	R7606E
Surr: BFB	90.1	75.3-105		%Rec	1	3/19/2021 4:18:00 PM	R7606E
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.018		mg/Kg	1	3/19/2021 4:18:00 PM	R7606E
Toluene	ND	0.035		mg/Kg	1	3/19/2021 4:18:00 PM	R7606E
Ethylbenzene	ND	0.035		mg/Kg	1	3/19/2021 4:18:00 PM	R7606E
Xylenes, Total	ND	0.071		mg/Kg	1	3/19/2021 4:18:00 PM	R7606E
Surr: 4-Bromofluorobenzene	92.7	80-120		%Rec	1	3/19/2021 4:18:00 PM	R7606E

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

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

Analytical Report

Lab Order: **2103950**

Date Reported: **3/25/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2103950

Project: State CO SWD System Johnston BE Battery

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: MB-58846	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 58846	RunNo: 76062								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2693169	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58846	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 58846	RunNo: 76062								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2693170	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.9	90	110			

Sample ID: MB-58852	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 58852	RunNo: 76068								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2693266	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58852	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 58852	RunNo: 76068								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2693267	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.1	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: MB-58835	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 58835	RunNo: 76061								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2692540	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	7.6		10.00		76.2	70	130			

Sample ID: MB-58839	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 58839	RunNo: 76061								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2692541	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	70	130			

Sample ID: MB-58840	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 58840	RunNo: 76061								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2692542	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	8.2		10.00		81.9	70	130			

Sample ID: LCS-58835	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 58835	RunNo: 76061								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2692543	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	95.6	68.9	141			
Surr: DNOP	3.9		5.000		77.3	70	130			

Sample ID: LCS-58839	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 58839	RunNo: 76061								
Prep Date: 3/19/2021	Analysis Date: 3/19/2021	SeqNo: 2692544	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	97.9	68.9	141			
Surr: DNOP	4.0		5.000		80.4	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: LCS-58840	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 58840		RunNo: 76061							
Prep Date: 3/19/2021	Analysis Date: 3/19/2021		SeqNo: 2692777		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	97.1	68.9	141			
Surr: DNOP	4.0		5.000		79.1	70	130			

Sample ID: 2103950-014AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH-13	Batch ID: 58840		RunNo: 76061							
Prep Date: 3/19/2021	Analysis Date: 3/19/2021		SeqNo: 2692884		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.4	47.08	0	92.8	15	184			
Surr: DNOP	3.7		4.708		78.6	70	130			

Sample ID: 2103950-014AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH-13	Batch ID: 58840		RunNo: 76061							
Prep Date: 3/19/2021	Analysis Date: 3/19/2021		SeqNo: 2692885		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.6	48.22	0	96.2	15	184	5.91	23.9	
Surr: DNOP	4.3		4.822		89.5	70	130	0	0	

Sample ID: 2103950-034AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH-32	Batch ID: 58839		RunNo: 76061							
Prep Date: 3/19/2021	Analysis Date: 3/19/2021		SeqNo: 2692886		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	9.4	46.82	0	89.5	15	184	5.27	23.9	
Surr: DNOP	3.5		4.682		75.8	70	130	0	0	

Sample ID: 2103950-034AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH-32	Batch ID: 58839		RunNo: 76061							
Prep Date: 3/19/2021	Analysis Date: 3/19/2021		SeqNo: 2692887		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.7	48.50	0	91.1	15	184			
Surr: DNOP	3.6		4.850		74.6	70	130			

Sample ID: MB-58798	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 58798		RunNo: 76064							
Prep Date: 3/18/2021	Analysis Date: 3/19/2021		SeqNo: 2693658		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: MB-58798	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 58798	RunNo: 76064								
Prep Date: 3/18/2021	Analysis Date: 3/19/2021	SeqNo: 2693658	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		97.0	70	130			

Sample ID: LCS-58798	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 58798	RunNo: 76064								
Prep Date: 3/18/2021	Analysis Date: 3/19/2021	SeqNo: 2693659	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000		90.8	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: 2103950-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SW-12	Batch ID: R76069	RunNo: 76069								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693580	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.2	21.22	0	105	61.3	114			
Surr: BFB	870		848.9		102	75.3	105			

Sample ID: 2103950-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SW-12	Batch ID: R76069	RunNo: 76069								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693581	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.2	21.22	0	104	61.3	114	0.496	20	
Surr: BFB	840		848.9		99.0	75.3	105	0	0	

Sample ID: LCS-58797	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 58797	RunNo: 76069								
Prep Date: 3/17/2021	Analysis Date: 3/19/2021	SeqNo: 2693582	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	75.3	105			S

Sample ID: MB-58797	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 58797	RunNo: 76069								
Prep Date: 3/17/2021	Analysis Date: 3/19/2021	SeqNo: 2693583	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	900		1000		90.5	75.3	105			

Sample ID: mb1	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: G76071	RunNo: 76071								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693889	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		99.7	75.3	105			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: G76071	RunNo: 76071								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693890	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	82.7	80	120			
Surr: BFB	1100		1000		113	75.3	105			S

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: LCS-58844	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694523	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	80	120			
Surr: BFB	1000		1000		102	75.3	105			

Sample ID: MB-58844	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694524	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		87.4	75.3	105			

Sample ID: 2103950-016ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH-15	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694544	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.9	24.46	0	108	61.3	114			
Surr: BFB	1000		978.5		103	75.3	105			

Sample ID: 2103950-016amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH-15	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694545	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.8	23.79	0	120	61.3	114	7.69	20	S
Surr: BFB	1000		951.5		106	75.3	105	0	0	S

Sample ID: LCS-58803	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 58803	RunNo: 76105								
Prep Date: 3/17/2021	Analysis Date: 3/21/2021	SeqNo: 2694555	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		104	75.3	105			

Sample ID: MB-58803	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 58803	RunNo: 76105								
Prep Date: 3/17/2021	Analysis Date: 3/21/2021	SeqNo: 2694556	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	930		1000		93.5	75.3	105			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: 2103950-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-2	Batch ID: R76069	RunNo: 76069								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693621	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.64	0.017	0.6702	0	95.3	76.3	120			
Toluene	0.63	0.034	0.6702	0	94.4	78.5	120			
Ethylbenzene	0.63	0.034	0.6702	0	93.9	78.1	124			
Xylenes, Total	1.9	0.067	2.011	0	93.0	79.3	125			
Surr: 4-Bromofluorobenzene	0.63		0.6702		93.3	80	120			

Sample ID: 2103950-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-2	Batch ID: R76069	RunNo: 76069								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693622	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.61	0.017	0.6702	0	91.2	76.3	120	4.43	20	
Toluene	0.60	0.034	0.6702	0	89.6	78.5	120	5.31	20	
Ethylbenzene	0.60	0.034	0.6702	0	89.0	78.1	124	5.35	20	
Xylenes, Total	1.8	0.067	2.011	0	88.2	79.3	125	5.24	20	
Surr: 4-Bromofluorobenzene	0.60		0.6702		89.2	80	120	0	0	

Sample ID: LCS-58797	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 58797	RunNo: 76069								
Prep Date: 3/17/2021	Analysis Date: 3/19/2021	SeqNo: 2693623	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	80	120			

Sample ID: MB-58797	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 58797	RunNo: 76069								
Prep Date: 3/17/2021	Analysis Date: 3/19/2021	SeqNo: 2693624	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	80	120			

Sample ID: mb1	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: B76071	RunNo: 76071								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693940	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								

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: mb1	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: B76071	RunNo: 76071								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693940	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.9	80	120			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: B76071	RunNo: 76071								
Prep Date:	Analysis Date: 3/19/2021	SeqNo: 2693941	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	90.5	80	120			
Toluene	0.91	0.050	1.000	0	91.0	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.0	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

Sample ID: LCS-58844	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694569	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	91.5	80	120			
Toluene	0.91	0.050	1.000	0	91.0	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.0	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.0	80	120			

Sample ID: MB-58844	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694570	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		89.5	80	120			

Sample ID: 2103950-018ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-17	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694590	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103950

25-Mar-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: 2103950-018ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-17	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694590	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	0.9970	0	94.0	76.3	120			
Toluene	0.94	0.050	0.9970	0	94.0	78.5	120			
Ethylbenzene	0.94	0.050	0.9970	0	94.3	78.1	124			
Xylenes, Total	2.8	0.10	2.991	0	93.6	79.3	125			
Surr: 4-Bromofluorobenzene	0.94		0.9970		94.3	80	120			

Sample ID: 2103950-018amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-17	Batch ID: 58844	RunNo: 76105								
Prep Date: 3/19/2021	Analysis Date: 3/20/2021	SeqNo: 2694591	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9588	0	91.0	76.3	120	7.13	20	
Toluene	0.88	0.048	0.9588	0	91.8	78.5	120	6.28	20	
Ethylbenzene	0.88	0.048	0.9588	0	92.1	78.1	124	6.36	20	
Xylenes, Total	2.6	0.096	2.876	0	91.2	79.3	125	6.45	20	
Surr: 4-Bromofluorobenzene	0.91		0.9588		94.5	80	120	0	0	

Sample ID: LCS-58803	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 58803	RunNo: 76105								
Prep Date: 3/17/2021	Analysis Date: 3/21/2021	SeqNo: 2694598	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	80	120			

Sample ID: MB-58803	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 58803	RunNo: 76105								
Prep Date: 3/17/2021	Analysis Date: 3/21/2021	SeqNo: 2694599	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		92.8	80	120			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: **GHD** Work Order Number: **2103950** RcptNo: **1**

Received By: **Cheyenne Cason** 3/19/2021 7:50:00 AM

Completed By: **Desiree Dominguez** 3/19/2021 8:02:55 AM

Reviewed By: *SGC 3/19/21*

DD

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?
 (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 3/19/21*

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.8	Good				
2	2.3	Good				

Chain-of-Custody Record

Client: GHD

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: zach.comino@ghd.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Turn-Around Time:

Standard Rush Same day

Project Name:

State CO SWD System - Johnston BE Battery

Project #:

11218770

Project Manager:

Jeff Walker

Chris Knight

Sampler: Zach Comino

On Ice: Yes No

of Coolers: 1 *0.640.2 = 0.8*

Cooler Temp (including CFI): *2.1 + 0.2 = 2.3*

Container Type and #

4 oz jar

Preservative Type

HEAL No. *2103950*

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
03/17/2024	8:00	S	SW-12	4 oz jar		-001
03/17/2024	8:05		BH-2			-002
	8:15		BH-3			-003
	8:30		BH-5			-004
	8:40		BH-4			-005
	8:50		BH-9			-006
	9:00		BH-7			-007
	9:10		BH-8			-008
	9:15		BH-10			-009
	9:30		BH-6			-010
	10:00		BH-1			-011
	10:10		BH-14			-012

Date: 03/18/2024 0750

Relinquished by: *Zach Comino*

Received by: *Zach Comino*

Date: 3/18/21 730

Via: *air*

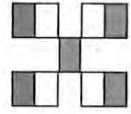
Date: 3/19/21 0750

Please email to:

*Jeff Walker @ GHD.com
Chris Knight @ GHD.com
Chase Settle @ cogresources.com
Zach.comino @ ghd.com*

Analysis Request

<input checked="" type="checkbox"/> MTBE / TMBs (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCBs	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
X	X									X



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Turn-Around Time:

Standard Rush Same day

Project Name:

State CO SWD System - Johnston BE Battery

Project #:

11218770

Project Manager:

Jeff Walker

Chris Knight

Sampler: Zach Comino

On Ice: Yes No

of Coolers: 2

Cooler Temp (including CF): See first page

Container Type and #

4 oz jar

Preservative Type

HEAL No. 2103950

Chain-of-Custody Record

Client: GHD

Mailing Address:

24 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

mail or Fax#: zach.comino@ghd.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Analysis Request

BTEX / MTBE / TMBs (8021)	X	
TPH:8015D(GRO / DRO / MRO)	X	
8081 Pesticides/8082 PCB's		
EDB (Method 504.1)		
PAHs by 8310 or 8270SIMS		
RCRA 8 Metals		
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄		
8260 (VOA)		
8270 (Semi-VOA)		
Total Coliform (Present/Absent)	X	
Chloride Method 300		

Please email to:

See page 1

pg 2.

Received by: Via: Date Time

3/18/21 1330

Received by: Via: Date Time

See case 3/19/21 0750

Date: Relinquished by:

Zach Comino / zcd

Date: Relinquished by:

Chris Knight

Chain-of-Custody Record

Client: GHD

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

Email or Fax#: zach.comino@ghd.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Turn-Around Time:

Standard Rush Same day

Project Name:

State CO SWD System - Johnston BE Battery

Project #:

11218770

Project Manager:

Jeff Walker

Chris Knight

Sampler: Zach Comino

On Ice: Yes No

of Coolers: 2

Cooler Temp (including CF): See first page

Container Type and #

4 oz jar

Preservative Type

HEAL No. 2103950

Analysis Request	
<input checked="" type="checkbox"/> BTEX / MTBE / TMB's (8021)	
<input checked="" type="checkbox"/> TPH:8015D(GRO / DRO / MRO)	
8081 Pesticides/8082 PCB's	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	
Chloride Method 300	

Date	Time	Matrix	Sample Name
03/17/2022	15:00	S	BH-26
03/17/2022	15:30		BH-25
	16:00		BH-24
	16:30		BH-27
	16:45		SW-10B
	17:30		BH-29
	17:45		BH-30
	17:50		BH-31
	18:00		BH-33
	18:10		BH-32
	18:30		BH-28

Relinquished by: Zach Comino

Relinquished by: Zach Comino

Date: 03/20/2022 07:30

Date: 3/19/2022 10:00

Received by: Admin

Received by: Zach Comino

Via: 3/19/2022 07:50

Via: 3/19/2022 07:50

Please email to:

See page 1

Pg. 3

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



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

March 29, 2021

Jeff Walker

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX:

RE: State Co SWD System Johnston BE Battery

OrderNo.: 2103C34

Dear Jeff Walker:

Hall Environmental Analysis Laboratory received 6 sample(s) on 3/26/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order: 2103C34

Date Reported: 3/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State Co SWD System Johnston BE Battery

Lab Order: 2103C34

Lab ID: 2103C34-001 **Collection Date:** 3/25/2021 8:00:00 AM
Client Sample ID: BH-1A **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	3/26/2021 9:52:49 AM	58988
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/26/2021 9:04:15 AM	58987
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/26/2021 9:04:15 AM	58987
Surr: DNOP	90.3	70-130		%Rec	1	3/26/2021 9:04:15 AM	58987
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	3/26/2021 10:11:05 AM	B76249
Surr: BFB	108	75.3-105	S	%Rec	1	3/26/2021 10:11:05 AM	B76249
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	3/26/2021 10:11:05 AM	D76249
Toluene	ND	0.044		mg/Kg	1	3/26/2021 10:11:05 AM	D76249
Ethylbenzene	ND	0.044		mg/Kg	1	3/26/2021 10:11:05 AM	D76249
Xylenes, Total	ND	0.088		mg/Kg	1	3/26/2021 10:11:05 AM	D76249
Surr: 4-Bromofluorobenzene	119	80-120		%Rec	1	3/26/2021 10:11:05 AM	D76249

Lab ID: 2103C34-002 **Collection Date:** 3/25/2021 8:05:00 AM
Client Sample ID: BH-9A **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	82	60		mg/Kg	20	3/26/2021 10:05:10 AM	58988
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	3/26/2021 9:27:46 AM	58987
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/26/2021 9:27:46 AM	58987
Surr: DNOP	90.7	70-130		%Rec	1	3/26/2021 9:27:46 AM	58987
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	3/26/2021 10:34:53 AM	B76249
Surr: BFB	107	75.3-105	S	%Rec	1	3/26/2021 10:34:53 AM	B76249
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	3/26/2021 10:34:53 AM	D76249
Toluene	ND	0.043		mg/Kg	1	3/26/2021 10:34:53 AM	D76249
Ethylbenzene	ND	0.043		mg/Kg	1	3/26/2021 10:34:53 AM	D76249
Xylenes, Total	ND	0.085		mg/Kg	1	3/26/2021 10:34:53 AM	D76249
Surr: 4-Bromofluorobenzene	117	80-120		%Rec	1	3/26/2021 10:34:53 AM	D76249

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

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

Analytical Report

Lab Order: 2103C34

Date Reported: 3/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103C34
Project: State Co SWD System Johnston BE Battery

Lab ID: 2103C34-003 **Collection Date:** 3/25/2021 8:10:00 AM
Client Sample ID: BH-12A **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	820	60		mg/Kg	20	3/26/2021 10:17:31 AM	58988
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	3/26/2021 9:51:23 AM	58987
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/26/2021 9:51:23 AM	58987
Surr: DNOP	87.4	70-130		%Rec	1	3/26/2021 9:51:23 AM	58987
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	3/26/2021 10:58:35 AM	B76249
Surr: BFB	102	75.3-105		%Rec	1	3/26/2021 10:58:35 AM	B76249
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	3/26/2021 10:58:35 AM	D76249
Toluene	ND	0.038		mg/Kg	1	3/26/2021 10:58:35 AM	D76249
Ethylbenzene	ND	0.038		mg/Kg	1	3/26/2021 10:58:35 AM	D76249
Xylenes, Total	ND	0.076		mg/Kg	1	3/26/2021 10:58:35 AM	D76249
Surr: 4-Bromofluorobenzene	112	80-120		%Rec	1	3/26/2021 10:58:35 AM	D76249

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

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

Analytical Report

Lab Order: 2103C34

Date Reported: 3/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103C34
Project: State Co SWD System Johnston BE Battery

Lab ID: 2103C34-004 **Collection Date:** 3/25/2021 8:15:00 AM
Client Sample ID: BH-28A **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1800	60		mg/Kg	20	3/26/2021 10:54:35 AM	58988
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/26/2021 10:15:04 AM	58987
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/26/2021 10:15:04 AM	58987
Surr: DNOP	94.1	70-130		%Rec	1	3/26/2021 10:15:04 AM	58987
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	3/26/2021 11:22:20 AM	B76249
Surr: BFB	101	75.3-105		%Rec	1	3/26/2021 11:22:20 AM	B76249
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	3/26/2021 11:22:20 AM	D76249
Toluene	ND	0.038		mg/Kg	1	3/26/2021 11:22:20 AM	D76249
Ethylbenzene	ND	0.038		mg/Kg	1	3/26/2021 11:22:20 AM	D76249
Xylenes, Total	ND	0.077		mg/Kg	1	3/26/2021 11:22:20 AM	D76249
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	3/26/2021 11:22:20 AM	D76249

Lab ID: 2103C34-005 **Collection Date:** 3/25/2021 8:20:00 AM
Client Sample ID: BH-34 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	840	60		mg/Kg	20	3/26/2021 11:25:28 AM	58988
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/26/2021 10:38:46 AM	58987
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/26/2021 10:38:46 AM	58987
Surr: DNOP	93.4	70-130		%Rec	1	3/26/2021 10:38:46 AM	58987
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	3/26/2021 11:46:08 AM	B76249
Surr: BFB	102	75.3-105		%Rec	1	3/26/2021 11:46:08 AM	B76249
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	3/26/2021 11:46:08 AM	D76249
Toluene	ND	0.041		mg/Kg	1	3/26/2021 11:46:08 AM	D76249
Ethylbenzene	ND	0.041		mg/Kg	1	3/26/2021 11:46:08 AM	D76249
Xylenes, Total	ND	0.082		mg/Kg	1	3/26/2021 11:46:08 AM	D76249
Surr: 4-Bromofluorobenzene	111	80-120		%Rec	1	3/26/2021 11:46:08 AM	D76249

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

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

Analytical Report

Lab Order: 2103C34

Date Reported: 3/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103C34
Project: State Co SWD System Johnston BE Battery

Lab ID: 2103C34-006 **Collection Date:** 3/25/2021 8:25:00 AM
Client Sample ID: BH-35 **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	490	60		mg/Kg	20	3/26/2021 11:37:49 AM	58988
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/26/2021 11:02:26 AM	58987
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/26/2021 11:02:26 AM	58987
Surr: DNOP	91.4	70-130		%Rec	1	3/26/2021 11:02:26 AM	58987
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	3/26/2021 12:36:23 PM	B76249
Surr: BFB	96.6	75.3-105		%Rec	1	3/26/2021 12:36:23 PM	B76249
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	3/26/2021 12:36:23 PM	D76249
Toluene	ND	0.036		mg/Kg	1	3/26/2021 12:36:23 PM	D76249
Ethylbenzene	ND	0.036		mg/Kg	1	3/26/2021 12:36:23 PM	D76249
Xylenes, Total	ND	0.071		mg/Kg	1	3/26/2021 12:36:23 PM	D76249
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	1	3/26/2021 12:36:23 PM	D76249

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103C34

29-Mar-21

Client: GHD
Project: State Co SWD System Johnston BE Battery

Sample ID: MB-58988	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 58988	RunNo: 76237								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699809	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58988	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 58988	RunNo: 76237								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699810	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

Sample ID: MB-58988	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 58988	RunNo: 76245								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699967	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58988	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 58988	RunNo: 76245								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699968	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103C34

29-Mar-21

Client: GHD
Project: State Co SWD System Johnston BE Battery

Sample ID: mb1	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: B76249		RunNo: 76249							
Prep Date:	Analysis Date: 3/26/2021		SeqNo: 2700319		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	940		1000		93.6	75.3	105			

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: B76249		RunNo: 76249							
Prep Date:	Analysis Date: 3/26/2021		SeqNo: 2700320		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	91.2	80	120			
Surr: BFB	1200		1000		125	75.3	105			S

Sample ID: 2103c34-001ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: BH-1A	Batch ID: B76249		RunNo: 76249							
Prep Date:	Analysis Date: 3/26/2021		SeqNo: 2700327		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.4	21.97	0	86.8	61.3	114			
Surr: BFB	1000		878.7		115	75.3	105			S

Sample ID: 2103c34-001amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: BH-1A	Batch ID: B76249		RunNo: 76249							
Prep Date:	Analysis Date: 3/26/2021		SeqNo: 2700328		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.4	21.97	0	86.3	61.3	114	0.555	20	
Surr: BFB	990		878.7		113	75.3	105	0	0	S

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103C34

29-Mar-21

Client: GHD
Project: State Co SWD System Johnston BE Battery

Sample ID: mb1	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: D76249	RunNo: 76249								
Prep Date:	Analysis Date: 3/26/2021	SeqNo: 2700381 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

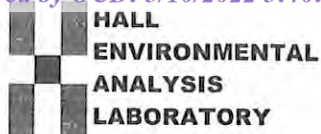
Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: D76249	RunNo: 76249								
Prep Date:	Analysis Date: 3/26/2021	SeqNo: 2700382 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	80	120			
Toluene	0.97	0.050	1.000	0	97.0	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.8	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		123	80	120			S

Sample ID: 2103c34-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-9A	Batch ID: D76249	RunNo: 76249								
Prep Date:	Analysis Date: 3/26/2021	SeqNo: 2700389 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.021	0.8540	0	96.2	76.3	120			
Toluene	0.83	0.043	0.8540	0	97.2	78.5	120			
Ethylbenzene	0.82	0.043	0.8540	0	96.3	78.1	124			
Xylenes, Total	2.5	0.085	2.562	0	95.7	79.3	125			
Surr: 4-Bromofluorobenzene	0.93		0.8540		109	80	120			

Sample ID: 2103c34-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-9A	Batch ID: D76249	RunNo: 76249								
Prep Date:	Analysis Date: 3/26/2021	SeqNo: 2700390 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.021	0.8540	0	95.9	76.3	120	0.344	20	
Toluene	0.82	0.043	0.8540	0	96.5	78.5	120	0.661	20	
Ethylbenzene	0.81	0.043	0.8540	0	95.0	78.1	124	1.31	20	
Xylenes, Total	2.4	0.085	2.562	0	94.9	79.3	125	0.829	20	
Surr: 4-Bromofluorobenzene	0.91		0.8540		107	80	120	0	0	

Qualifiers:

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



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

Sample Log-In Check List

Client Name: **GHD**

Work Order Number: **2103C34**

RcptNo: **1**

Received By: **Juan Rojas**

3/26/2021 7:35:00 AM

Juan Rojas

Completed By: **Cheyenne Cason**

3/26/2021 7:58:36 AM

Reviewed By: *SGC 3/26/21*

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes No NA
4. Were all samples received at a temperature of >0° 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: *JR 3/26/21*

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good				

Chain-of-Custody Record

Client: GHD
 Mailing Address: 324 W. Main St. Suite 100 Asheville, NC 28801
 Phone #: (505) 877-4218
 email or Fax#: Jeff.Walker@GHD.com
 QA/QC Package: zach.cannon@ghd.com
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC Other
 EDD (Type)

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

Analysis Request

TPH:8015D(GRO / DRO / MRO)	X																	
8081 Pesticides/8082 PCBs																		
EDB (Method 504.1)																		
PAHs by 8310 or 8270SIMS																		
RCRA 8 Metals																		
Cl, F, Br, NO ₃ , PO ₄ , SO ₄																		
8260 (VOA)																		
8270 (Semi-VOA)																		
Total Coliform (Present/Absent)																		

Project Name: Stetco SWD System - Johnston Rd
 Project #: 11218770
 Project Manager: Jeff Walker
 Sampler: Zach Cannon
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 16-0-1.6 (°C)
 Container Type and #: 4oz Jar
 Preservative Type:
 HEAL No. 2103634

Turn-Around Time: Standard Rush Some Day
 Received by: Mumms Date 3/25/21 Time 9:00
 Received by: Zach Cannon Date 3/26/21 Time 7:35

Relinquished by: Zach Cannon
 Relinquished by: Gumms

Remarks: Please cc Chris Knight with results
Christopher.knight@ghd.com



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

April 06, 2021

Jeff Walker

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX:

RE: State CO SWD System Johnston BE Battery

OrderNo.: 2104064

Dear Jeff Walker:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/2/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order: 2104064

Date Reported: 4/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2104064

Lab ID: 2104064-001 **Collection Date:** 4/1/2021 8:00:00 AM

Client Sample ID: BH12-B **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	60		mg/Kg	20	4/2/2021 1:31:04 PM	59154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	4/2/2021 11:49:35 AM	59150
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/2/2021 11:49:35 AM	59150
Surr: DNOP	97.1	70-130		%Rec	1	4/2/2021 11:49:35 AM	59150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	4/2/2021 8:00:09 AM	G76412
Surr: BFB	95.1	70-130		%Rec	1	4/2/2021 8:00:09 AM	G76412
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	4/2/2021 8:00:09 AM	B76412
Toluene	ND	0.036		mg/Kg	1	4/2/2021 8:00:09 AM	B76412
Ethylbenzene	ND	0.036		mg/Kg	1	4/2/2021 8:00:09 AM	B76412
Xylenes, Total	ND	0.071		mg/Kg	1	4/2/2021 8:00:09 AM	B76412
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	4/2/2021 8:00:09 AM	B76412

Lab ID: 2104064-002 **Collection Date:** 4/1/2021 8:03:00 AM

Client Sample ID: BH28-B **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	59		mg/Kg	20	4/2/2021 1:43:29 PM	59154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/2/2021 11:59:16 AM	59150
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/2/2021 11:59:16 AM	59150
Surr: DNOP	93.2	70-130		%Rec	1	4/2/2021 11:59:16 AM	59150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	4/2/2021 1:06:11 PM	G76412
Surr: BFB	98.2	70-130		%Rec	1	4/2/2021 1:06:11 PM	G76412
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	4/2/2021 1:06:11 PM	B76412
Toluene	ND	0.033		mg/Kg	1	4/2/2021 1:06:11 PM	B76412
Ethylbenzene	ND	0.033		mg/Kg	1	4/2/2021 1:06:11 PM	B76412
Xylenes, Total	ND	0.066		mg/Kg	1	4/2/2021 1:06:11 PM	B76412
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	4/2/2021 1:06:11 PM	B76412

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

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

Analytical Report

Lab Order: 2104064

Date Reported: 4/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: State CO SWD System Johnston BE Battery

Lab Order: 2104064

Lab ID: 2104064-003 **Collection Date:** 4/1/2021 8:05:00 AM
Client Sample ID: BH34-A **Matrix:** MEOH (SOIL)

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	190	60		mg/Kg	20	4/2/2021 1:55:54 PM	59154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/2/2021 12:09:00 PM	59150
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/2/2021 12:09:00 PM	59150
Surr: DNOP	95.5	70-130		%Rec	1	4/2/2021 12:09:00 PM	59150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	2.9		mg/Kg	1	4/2/2021 1:29:50 PM	G76412
Surr: BFB	100	70-130		%Rec	1	4/2/2021 1:29:50 PM	G76412
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.014		mg/Kg	1	4/2/2021 1:29:50 PM	B76412
Toluene	ND	0.029		mg/Kg	1	4/2/2021 1:29:50 PM	B76412
Ethylbenzene	ND	0.029		mg/Kg	1	4/2/2021 1:29:50 PM	B76412
Xylenes, Total	ND	0.058		mg/Kg	1	4/2/2021 1:29:50 PM	B76412
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	4/2/2021 1:29:50 PM	B76412

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2104064

06-Apr-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: MB-59154	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 59154	RunNo: 76398								
Prep Date: 4/2/2021	Analysis Date: 4/2/2021	SeqNo: 2706509	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-59154	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 59154	RunNo: 76398								
Prep Date: 4/2/2021	Analysis Date: 4/2/2021	SeqNo: 2706510	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 range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2104064

06-Apr-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: MB-59150	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 59150	RunNo: 76409								
Prep Date: 4/2/2021	Analysis Date: 4/2/2021	SeqNo: 2706263	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		96.0	70	130			

Sample ID: LCS-59150	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 59150	RunNo: 76409								
Prep Date: 4/2/2021	Analysis Date: 4/2/2021	SeqNo: 2706264	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	95.7	68.9	141			
Surr: DNOP	4.8		5.000		96.8	70	130			

Sample ID: 2104064-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH12-B	Batch ID: 59150	RunNo: 76409								
Prep Date: 4/2/2021	Analysis Date: 4/2/2021	SeqNo: 2706265	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.0	45.05	4.881	85.7	15	184			
Surr: DNOP	4.5		4.505		101	70	130			

Sample ID: 2104064-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH12-B	Batch ID: 59150	RunNo: 76409								
Prep Date: 4/2/2021	Analysis Date: 4/2/2021	SeqNo: 2706266	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.7	48.50	4.881	83.5	15	184	4.26	23.9	
Surr: DNOP	4.7		4.850		97.8	70	130	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2104064

06-Apr-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: G76412	RunNo: 76412								
Prep Date:	Analysis Date: 4/2/2021	SeqNo: 2706660	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.3	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: G76412	RunNo: 76412								
Prep Date:	Analysis Date: 4/2/2021	SeqNo: 2706661	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.5	78.6	131			
Surr: BFB	1100		1000		108	70	130			

Sample ID: 2104064-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH12-B	Batch ID: G76412	RunNo: 76412								
Prep Date:	Analysis Date: 4/2/2021	SeqNo: 2706675	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.6	17.81	0	90.9	61.3	114			
Surr: BFB	790		712.2		111	70	130			

Sample ID: 2104064-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH12-B	Batch ID: G76412	RunNo: 76412								
Prep Date:	Analysis Date: 4/2/2021	SeqNo: 2706676	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	3.6	17.81	0	109	61.3	114	17.9	20	
Surr: BFB	820		712.2		116	70	130	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2104064

06-Apr-21

Client: GHD
Project: State CO SWD System Johnston BE Battery

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: B76412		RunNo: 76412							
Prep Date:	Analysis Date: 4/2/2021		SeqNo: 2706706		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	70	130			

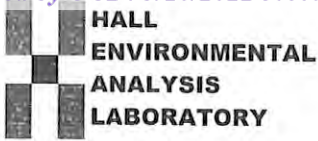
Sample ID: 100ng btex lcs	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: B76412		RunNo: 76412							
Prep Date:	Analysis Date: 4/2/2021		SeqNo: 2706707		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.6	80	120			
Toluene	0.97	0.050	1.000	0	97.1	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: mb-59072	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 59072		RunNo: 76412							
Prep Date: 3/30/2021	Analysis Date: 4/2/2021		SeqNo: 2706779		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.6	70	130			

Sample ID: lcs-59072	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 59072		RunNo: 76412							
Prep Date: 3/30/2021	Analysis Date: 4/2/2021		SeqNo: 2706780		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: GHD

Work Order Number: 2104064

RcptNo: 1

Received By: Cheyenne Cason 4/2/2021 7:35:00 AM

Completed By: Cheyenne Cason 4/2/2021 7:48:27 AM

Reviewed By: DAD 4/2/21

Chain of Custody

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

Log In

- 3. Was an attempt made to cool the samples? Yes No NA
- 4. Were all samples received at a temperature of >0° 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 4/2/21

Special Handling (if applicable)

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

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

16. Additional remarks:

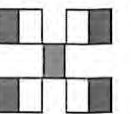
17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.1	Good				
2	2.0	Good				

Chain-of-Custody Record

Client: GHP
 Mailing Address: 324 W. Main St. Suite 109, Albuquerque, NM 88210
 Phone #: (505) 377-4218

Turn-Around Time: Project Name: Standard Rush 24 Hr
 Project Name: State COS/SD System - Johnston BE
 Project #: 11218770



HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

1311 4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request:

email or Fax#: Jeff Walker @ GHP
 QA/QC Package: Zach Conrath @ GHP
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other

Project Manager: Jeff Walker
 Sampler: Zach Conrath
 On Ice: Yes No
 # of Coolers: 2 3.2-0.1 = 3.1
 Cooler Temp (including CF): 2.1-0.1 = 2.0 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
08/20/20	0800	S	BH12-B	4oz Jar		001
08/20/20	0803	S	BH28-B			002
08/20/20	0805	S	BH34-A	↓		003

Remarks:	Analysis Request:
	<input checked="" type="checkbox"/> BTEX / MTBE / TMB's (8021)
	<input checked="" type="checkbox"/> TPH:8015D(GRO / DRO / MRO)
	8081 Pesticides/8082 PCB's
	EDB (Method 504.1)
	PAHs by 8310 or 8270SIMS
	RCRA 8 Metals
	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄
	8260 (VOA)
	8270 (Semi-VOA)
	Total Coliform (Present/Absent)
	<input checked="" type="checkbox"/> Chloride Method 300

Received by: CDC 3/10/2022 3:40:57 PM

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



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

August 19, 2021

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

RE: Johnson BE Battery

OrderNo.: 2108598

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 23 sample(s) on 8/12/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: Surf Exc/0

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:00:00 PM

Lab ID: 2108598-001

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	77	60		mg/Kg	20	8/17/2021 10:06:06 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/14/2021 3:48:56 PM	61956
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 3:48:56 PM	61956
Surr: DNOP	78.7	70-130		%Rec	1	8/14/2021 3:48:56 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 4:10:49 PM	61947
Surr: BFB	88.2	70-130		%Rec	1	8/13/2021 4:10:49 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 4:10:49 PM	61947
Toluene	ND	0.049		mg/Kg	1	8/13/2021 4:10:49 PM	61947
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 4:10:49 PM	61947
Xylenes, Total	ND	0.097		mg/Kg	1	8/13/2021 4:10:49 PM	61947
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	8/13/2021 4:10:49 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: Surf Exc/2

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:05:00 PM

Lab ID: 2108598-002

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	670	60		mg/Kg	20	8/17/2021 10:43:19 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/14/2021 4:13:04 PM	61956
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/14/2021 4:13:04 PM	61956
Surr: DNOP	117	70-130		%Rec	1	8/14/2021 4:13:04 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 4:34:28 PM	61947
Surr: BFB	88.8	70-130		%Rec	1	8/13/2021 4:34:28 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 4:34:28 PM	61947
Toluene	ND	0.049		mg/Kg	1	8/13/2021 4:34:28 PM	61947
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 4:34:28 PM	61947
Xylenes, Total	ND	0.097		mg/Kg	1	8/13/2021 4:34:28 PM	61947
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	8/13/2021 4:34:28 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: Surf Exc/4

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:07:00 PM

Lab ID: 2108598-003

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	78	60		mg/Kg	20	8/17/2021 10:55:44 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/14/2021 4:37:26 PM	61956
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/14/2021 4:37:26 PM	61956
Surr: DNOP	101	70-130		%Rec	1	8/14/2021 4:37:26 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 4:58:10 PM	61947
Surr: BFB	87.2	70-130		%Rec	1	8/13/2021 4:58:10 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 4:58:10 PM	61947
Toluene	ND	0.048		mg/Kg	1	8/13/2021 4:58:10 PM	61947
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 4:58:10 PM	61947
Xylenes, Total	ND	0.097		mg/Kg	1	8/13/2021 4:58:10 PM	61947
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	8/13/2021 4:58:10 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: Surf Exc/6

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:10:00 PM

Lab ID: 2108598-004

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	8/17/2021 11:08:08 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/14/2021 5:01:38 PM	61956
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/14/2021 5:01:38 PM	61956
Surr: DNOP	99.5	70-130		%Rec	1	8/14/2021 5:01:38 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 5:21:40 PM	61947
Surr: BFB	87.8	70-130		%Rec	1	8/13/2021 5:21:40 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 5:21:40 PM	61947
Toluene	ND	0.048		mg/Kg	1	8/13/2021 5:21:40 PM	61947
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 5:21:40 PM	61947
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 5:21:40 PM	61947
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	8/13/2021 5:21:40 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: Surf Exc/8

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:15:00 PM

Lab ID: 2108598-005

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/17/2021 11:20:33 PM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/14/2021 5:26:17 PM	61956
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 5:26:17 PM	61956
Surr: DNOP	90.6	70-130		%Rec	1	8/14/2021 5:26:17 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 6:32:21 PM	61947
Surr: BFB	87.8	70-130		%Rec	1	8/13/2021 6:32:21 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 6:32:21 PM	61947
Toluene	ND	0.048		mg/Kg	1	8/13/2021 6:32:21 PM	61947
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 6:32:21 PM	61947
Xylenes, Total	ND	0.096		mg/Kg	1	8/13/2021 6:32:21 PM	61947
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	8/13/2021 6:32:21 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-1/0

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:30:00 PM

Lab ID: 2108598-006

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3000	150		mg/Kg	50	8/18/2021 8:16:17 AM	62013
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/14/2021 5:50:24 PM	61956
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/14/2021 5:50:24 PM	61956
Surr: DNOP	69.8	70-130	S	%Rec	1	8/14/2021 5:50:24 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 6:55:51 PM	61947
Surr: BFB	87.9	70-130		%Rec	1	8/13/2021 6:55:51 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 6:55:51 PM	61947
Toluene	ND	0.049		mg/Kg	1	8/13/2021 6:55:51 PM	61947
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 6:55:51 PM	61947
Xylenes, Total	ND	0.098		mg/Kg	1	8/13/2021 6:55:51 PM	61947
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	8/13/2021 6:55:51 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-1/2

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:35:00 PM

Lab ID: 2108598-007

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	4100	150		mg/Kg	50	8/18/2021 8:28:41 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/14/2021 6:14:44 PM	61956
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/14/2021 6:14:44 PM	61956
Surr: DNOP	115	70-130		%Rec	1	8/14/2021 6:14:44 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 7:19:24 PM	61947
Surr: BFB	88.4	70-130		%Rec	1	8/13/2021 7:19:24 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	8/13/2021 7:19:24 PM	61947
Toluene	ND	0.047		mg/Kg	1	8/13/2021 7:19:24 PM	61947
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 7:19:24 PM	61947
Xylenes, Total	ND	0.093		mg/Kg	1	8/13/2021 7:19:24 PM	61947
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	8/13/2021 7:19:24 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-1/4

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:40:00 PM

Lab ID: 2108598-008

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2100	150		mg/Kg	50	8/18/2021 8:41:05 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/14/2021 6:39:16 PM	61956
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/14/2021 6:39:16 PM	61956
Surr: DNOP	79.7	70-130		%Rec	1	8/14/2021 6:39:16 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/13/2021 7:42:51 PM	61947
Surr: BFB	86.3	70-130		%Rec	1	8/13/2021 7:42:51 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 7:42:51 PM	61947
Toluene	ND	0.049		mg/Kg	1	8/13/2021 7:42:51 PM	61947
Ethylbenzene	ND	0.049		mg/Kg	1	8/13/2021 7:42:51 PM	61947
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 7:42:51 PM	61947
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	8/13/2021 7:42:51 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-1/6

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:45:00 PM

Lab ID: 2108598-009

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	530	60		mg/Kg	20	8/18/2021 12:59:48 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/14/2021 7:03:38 PM	61956
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 7:03:38 PM	61956
Surr: DNOP	99.1	70-130		%Rec	1	8/14/2021 7:03:38 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/13/2021 8:06:21 PM	61947
Surr: BFB	88.6	70-130		%Rec	1	8/13/2021 8:06:21 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/13/2021 8:06:21 PM	61947
Toluene	ND	0.048		mg/Kg	1	8/13/2021 8:06:21 PM	61947
Ethylbenzene	ND	0.048		mg/Kg	1	8/13/2021 8:06:21 PM	61947
Xylenes, Total	ND	0.097		mg/Kg	1	8/13/2021 8:06:21 PM	61947
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	8/13/2021 8:06:21 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-1/8

Project: Johnson BE Battery

Collection Date: 8/10/2021 1:47:00 PM

Lab ID: 2108598-010

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	140	60		mg/Kg	20	8/18/2021 1:12:12 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/14/2021 7:52:16 PM	61956
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/14/2021 7:52:16 PM	61956
Surr: DNOP	100	70-130		%Rec	1	8/14/2021 7:52:16 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/13/2021 8:29:58 PM	61947
Surr: BFB	89.8	70-130		%Rec	1	8/13/2021 8:29:58 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	8/13/2021 8:29:58 PM	61947
Toluene	ND	0.047		mg/Kg	1	8/13/2021 8:29:58 PM	61947
Ethylbenzene	ND	0.047		mg/Kg	1	8/13/2021 8:29:58 PM	61947
Xylenes, Total	ND	0.093		mg/Kg	1	8/13/2021 8:29:58 PM	61947
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	8/13/2021 8:29:58 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-2/0

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:00:00 PM

Lab ID: 2108598-011

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1100	60		mg/Kg	20	8/18/2021 1:24:37 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/14/2021 8:16:23 PM	61956
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/14/2021 8:16:23 PM	61956
Surr: DNOP	89.5	70-130		%Rec	1	8/14/2021 8:16:23 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/13/2021 8:53:36 PM	61947
Surr: BFB	86.6	70-130		%Rec	1	8/13/2021 8:53:36 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	8/13/2021 8:53:36 PM	61947
Toluene	ND	0.046		mg/Kg	1	8/13/2021 8:53:36 PM	61947
Ethylbenzene	ND	0.046		mg/Kg	1	8/13/2021 8:53:36 PM	61947
Xylenes, Total	ND	0.092		mg/Kg	1	8/13/2021 8:53:36 PM	61947
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	8/13/2021 8:53:36 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-2/2

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:02:00 PM

Lab ID: 2108598-012

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1300	60		mg/Kg	20	8/18/2021 1:37:01 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/14/2021 8:40:43 PM	61956
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/14/2021 8:40:43 PM	61956
Surr: DNOP	116	70-130		%Rec	1	8/14/2021 8:40:43 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/13/2021 9:17:11 PM	61947
Surr: BFB	86.8	70-130		%Rec	1	8/13/2021 9:17:11 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 9:17:11 PM	61947
Toluene	ND	0.050		mg/Kg	1	8/13/2021 9:17:11 PM	61947
Ethylbenzene	ND	0.050		mg/Kg	1	8/13/2021 9:17:11 PM	61947
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 9:17:11 PM	61947
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	8/13/2021 9:17:11 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-2/4

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:05:00 PM

Lab ID: 2108598-013

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/18/2021 1:49:26 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/14/2021 9:04:59 PM	61956
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 9:04:59 PM	61956
Surr: DNOP	70.9	70-130		%Rec	1	8/14/2021 9:04:59 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/13/2021 9:40:37 PM	61947
Surr: BFB	87.5	70-130		%Rec	1	8/13/2021 9:40:37 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 9:40:37 PM	61947
Toluene	ND	0.050		mg/Kg	1	8/13/2021 9:40:37 PM	61947
Ethylbenzene	ND	0.050		mg/Kg	1	8/13/2021 9:40:37 PM	61947
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 9:40:37 PM	61947
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	8/13/2021 9:40:37 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-2/6

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:10:00 PM

Lab ID: 2108598-014

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/18/2021 2:01:50 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/14/2021 9:29:18 PM	61956
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/14/2021 9:29:18 PM	61956
Surr: DNOP	89.8	70-130		%Rec	1	8/14/2021 9:29:18 PM	61956
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/13/2021 10:04:05 PM	61947
Surr: BFB	88.6	70-130		%Rec	1	8/13/2021 10:04:05 PM	61947
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/13/2021 10:04:05 PM	61947
Toluene	ND	0.050		mg/Kg	1	8/13/2021 10:04:05 PM	61947
Ethylbenzene	ND	0.050		mg/Kg	1	8/13/2021 10:04:05 PM	61947
Xylenes, Total	ND	0.099		mg/Kg	1	8/13/2021 10:04:05 PM	61947
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	8/13/2021 10:04:05 PM	61947

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-2/8

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:15:00 PM

Lab ID: 2108598-015

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/18/2021 2:14:14 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/14/2021 1:00:04 PM	61957
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/14/2021 1:00:04 PM	61957
Surr: DNOP	102	70-130		%Rec	1	8/14/2021 1:00:04 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/14/2021 12:25:14 AM	61950
Surr: BFB	86.6	70-130		%Rec	1	8/14/2021 12:25:14 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/14/2021 12:25:14 AM	61950
Toluene	ND	0.048		mg/Kg	1	8/14/2021 12:25:14 AM	61950
Ethylbenzene	ND	0.048		mg/Kg	1	8/14/2021 12:25:14 AM	61950
Xylenes, Total	ND	0.095		mg/Kg	1	8/14/2021 12:25:14 AM	61950
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	8/14/2021 12:25:14 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-3/0

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:30:00 PM

Lab ID: 2108598-016

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	97	60		mg/Kg	20	8/18/2021 2:26:39 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/17/2021 10:56:35 AM	61957
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/17/2021 10:56:35 AM	61957
Surr: DNOP	59.7	70-130	S	%Rec	1	8/17/2021 10:56:35 AM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/14/2021 1:35:52 AM	61950
Surr: BFB	86.4	70-130		%Rec	1	8/14/2021 1:35:52 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/14/2021 1:35:52 AM	61950
Toluene	ND	0.050		mg/Kg	1	8/14/2021 1:35:52 AM	61950
Ethylbenzene	ND	0.050		mg/Kg	1	8/14/2021 1:35:52 AM	61950
Xylenes, Total	ND	0.10		mg/Kg	1	8/14/2021 1:35:52 AM	61950
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	8/14/2021 1:35:52 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-3/2

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:35:00 PM

Lab ID: 2108598-017

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	410	59		mg/Kg	20	8/18/2021 3:03:52 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/14/2021 2:35:13 PM	61957
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/14/2021 2:35:13 PM	61957
Surr: DNOP	94.6	70-130		%Rec	1	8/14/2021 2:35:13 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/14/2021 2:46:15 AM	61950
Surr: BFB	88.8	70-130		%Rec	1	8/14/2021 2:46:15 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/14/2021 2:46:15 AM	61950
Toluene	ND	0.050		mg/Kg	1	8/14/2021 2:46:15 AM	61950
Ethylbenzene	ND	0.050		mg/Kg	1	8/14/2021 2:46:15 AM	61950
Xylenes, Total	ND	0.10		mg/Kg	1	8/14/2021 2:46:15 AM	61950
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	8/14/2021 2:46:15 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-3/4

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:40:00 PM

Lab ID: 2108598-018

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/18/2021 3:16:16 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/14/2021 2:59:06 PM	61957
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 2:59:06 PM	61957
Surr: DNOP	94.2	70-130		%Rec	1	8/14/2021 2:59:06 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/14/2021 3:09:47 AM	61950
Surr: BFB	85.3	70-130		%Rec	1	8/14/2021 3:09:47 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/14/2021 3:09:47 AM	61950
Toluene	ND	0.048		mg/Kg	1	8/14/2021 3:09:47 AM	61950
Ethylbenzene	ND	0.048		mg/Kg	1	8/14/2021 3:09:47 AM	61950
Xylenes, Total	ND	0.096		mg/Kg	1	8/14/2021 3:09:47 AM	61950
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	8/14/2021 3:09:47 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-3/6

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:45:00 PM

Lab ID: 2108598-019

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/18/2021 3:28:40 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	8/14/2021 3:22:57 PM	61957
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/14/2021 3:22:57 PM	61957
Surr: DNOP	80.5	70-130		%Rec	1	8/14/2021 3:22:57 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/14/2021 3:33:25 AM	61950
Surr: BFB	86.9	70-130		%Rec	1	8/14/2021 3:33:25 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/14/2021 3:33:25 AM	61950
Toluene	ND	0.049		mg/Kg	1	8/14/2021 3:33:25 AM	61950
Ethylbenzene	ND	0.049		mg/Kg	1	8/14/2021 3:33:25 AM	61950
Xylenes, Total	ND	0.098		mg/Kg	1	8/14/2021 3:33:25 AM	61950
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	8/14/2021 3:33:25 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-3/8

Project: Johnson BE Battery

Collection Date: 8/10/2021 3:50:00 PM

Lab ID: 2108598-020

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/18/2021 3:41:05 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/14/2021 3:46:46 PM	61957
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/14/2021 3:46:46 PM	61957
Surr: DNOP	106	70-130		%Rec	1	8/14/2021 3:46:46 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/14/2021 3:56:59 AM	61950
Surr: BFB	87.7	70-130		%Rec	1	8/14/2021 3:56:59 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/14/2021 3:56:59 AM	61950
Toluene	ND	0.050		mg/Kg	1	8/14/2021 3:56:59 AM	61950
Ethylbenzene	ND	0.050		mg/Kg	1	8/14/2021 3:56:59 AM	61950
Xylenes, Total	ND	0.099		mg/Kg	1	8/14/2021 3:56:59 AM	61950
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	8/14/2021 3:56:59 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-4/0

Project: Johnson BE Battery

Collection Date: 8/10/2021 4:00:00 PM

Lab ID: 2108598-021

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	8/18/2021 3:53:29 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/14/2021 4:10:34 PM	61957
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/14/2021 4:10:34 PM	61957
Surr: DNOP	79.8	70-130		%Rec	1	8/14/2021 4:10:34 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/14/2021 4:20:29 AM	61950
Surr: BFB	88.6	70-130		%Rec	1	8/14/2021 4:20:29 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/14/2021 4:20:29 AM	61950
Toluene	ND	0.049		mg/Kg	1	8/14/2021 4:20:29 AM	61950
Ethylbenzene	ND	0.049		mg/Kg	1	8/14/2021 4:20:29 AM	61950
Xylenes, Total	ND	0.098		mg/Kg	1	8/14/2021 4:20:29 AM	61950
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	8/14/2021 4:20:29 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-4/2

Project: Johnson BE Battery

Collection Date: 8/10/2021 4:10:00 PM

Lab ID: 2108598-022

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	150	61		mg/Kg	20	8/18/2021 4:05:53 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/14/2021 4:34:20 PM	61957
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/14/2021 4:34:20 PM	61957
Surr: DNOP	90.4	70-130		%Rec	1	8/14/2021 4:34:20 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/14/2021 4:44:01 AM	61950
Surr: BFB	88.7	70-130		%Rec	1	8/14/2021 4:44:01 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/14/2021 4:44:01 AM	61950
Toluene	ND	0.047		mg/Kg	1	8/14/2021 4:44:01 AM	61950
Ethylbenzene	ND	0.047		mg/Kg	1	8/14/2021 4:44:01 AM	61950
Xylenes, Total	ND	0.095		mg/Kg	1	8/14/2021 4:44:01 AM	61950
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	8/14/2021 4:44:01 AM	61950

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

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

Analytical Report

Lab Order **2108598**

Date Reported: **8/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PT-4/4

Project: Johnson BE Battery

Collection Date: 8/10/2021 4:15:00 PM

Lab ID: 2108598-023

Matrix: SOIL

Received Date: 8/12/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	8/18/2021 4:18:18 AM	62019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/14/2021 4:58:09 PM	61957
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/14/2021 4:58:09 PM	61957
Surr: DNOP	104	70-130		%Rec	1	8/14/2021 4:58:09 PM	61957
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/14/2021 5:07:36 AM	61950
Surr: BFB	86.4	70-130		%Rec	1	8/14/2021 5:07:36 AM	61950
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/14/2021 5:07:36 AM	61950
Toluene	ND	0.049		mg/Kg	1	8/14/2021 5:07:36 AM	61950
Ethylbenzene	ND	0.049		mg/Kg	1	8/14/2021 5:07:36 AM	61950
Xylenes, Total	ND	0.098		mg/Kg	1	8/14/2021 5:07:36 AM	61950
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	8/14/2021 5:07:36 AM	61950

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108598

19-Aug-21

Client: EOG
Project: Johnson BE Battery

Sample ID: MB-62013	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62013	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842861	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62013	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62013	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842862	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.0	90	110			

Sample ID: MB-62019	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62019	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842893	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62019	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62019	RunNo: 80595								
Prep Date: 8/17/2021	Analysis Date: 8/17/2021	SeqNo: 2842894	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.6	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 range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108598

19-Aug-21

Client: EOG
Project: Johnson BE Battery

Sample ID: MB-61957	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61957	RunNo: 80552								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2840705	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	70	130			

Sample ID: LCS-61957	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61957	RunNo: 80552								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2840707	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	110	68.9	141			
Surr: DNOP	5.7		5.000		114	70	130			

Sample ID: MB-61956	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61956	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2841994	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		108	70	130			

Sample ID: LCS-61956	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61956	RunNo: 80568								
Prep Date: 8/13/2021	Analysis Date: 8/14/2021	SeqNo: 2842067	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	141			
Surr: DNOP	5.0		5.000		99.3	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108598

19-Aug-21

Client: EOG
Project: Johnson BE Battery

Sample ID: ics-61947	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61947	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840647	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	78.6	131			
Surr: BFB	1000		1000		101	70	130			

Sample ID: ics-61950	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61950	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840648	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	990		1000		99.1	70	130			

Sample ID: mb-61947	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61947	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840649	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		87.0	70	130			

Sample ID: mb-61950	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61950	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/14/2021	SeqNo: 2840650	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		89.4	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108598

19-Aug-21

Client: EOG
Project: Johnson BE Battery

Sample ID: LCS-61947	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61947	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840695	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	90.7	80	120			
Toluene	0.91	0.050	1.000	0	91.4	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.6	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.5	70	130			

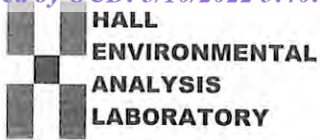
Sample ID: LCS-61950	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61950	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840696	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	80	120			
Toluene	0.95	0.050	1.000	0	95.3	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.5	70	130			

Sample ID: mb-61947	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61947	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/13/2021	SeqNo: 2840697	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	0.87		1.000		86.9	70	130			

Sample ID: mb-61950	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61950	RunNo: 80551								
Prep Date: 8/12/2021	Analysis Date: 8/14/2021	SeqNo: 2840698	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		89.8	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2108598

RcptNo: 1

Received By: Cheyenne Cason

8/12/2021 7:40:00 AM

Handwritten signature

Completed By: Sean Livingston

8/12/2021 8:59:33 AM

Handwritten signature

Reviewed By:

Handwritten signature

8/12/21

Chain of Custody

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

Log In

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

of preserved bottles checked for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: KPG 8/12/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

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

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: 5 Day

Standard Rush

Project Name: Johnson BE Battery (JBE)

Project #: 5375

Project Manager: W. Kierdorf

Sampler: KEITH Copeland

On Ice: Yes No

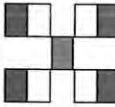
of Coolers: 2 $0.4 - 0 = 0.4$

Cooler Temp (including CF): 2, 1 - 0 = 2.1

Container Type and #	Preservative Type	HEAL No.
402-1	ICE	013
		014
		015
		016
		017
		018
		019
		020
		021
		022
		023

Received by: Alvarado Via: air Date Time: 8/11/21 1610

Received by: see case Via: see case Date Time: 8/12/21 0740



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

BTEX (8021)	TPH:8015D(GRO / DR0 / MRO)	Chloride (EPA 300)
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X

Remarks: Bill to EOG Artesia

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

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

Turn-Around Time: 5 Day
 Standard Rush
 Project Name: Johnson BE BATTERY (JBE)
 Project #: 5375



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

Project Manager: W. Kierdorf
 Sampler: Keith Copeland
 On Ice: Yes No
 # of Coolers: 2 0.4-0.5-0.4
 Cooler Temp (including CF): 2.1-2.0-2.1

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
8/19/21	1300	Soil	SURF Exc/0	402-1	ICE	2108598-001
8/19/21	1305		SURF Exc/2			002
	1307		SURF Exc/4			003
	1310		SURF Exc/6			004
	1315		SURF Exc/8			005
	1330		PT-1/0			006
	1335		PT-1/2			007
	1340		PT-1/4			008
	1345		PT-1/6			009
	1347		PT-1/8			010
	1500		PT-2/0			011
	1502		PT-2/2			012

Received by: Channing Date: 8/16/21 Time: 1610
 Relinquished by: Channing Date: 8/16/21 Time: 1900
 Remarks: Bill to EOG Artesia

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

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



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

September 20, 2021

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

RE: Johnston BE Battery

OrderNo.: 2109585

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 25 sample(s) on 9/11/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com 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 **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-1 5/6'

Project: Johnston BE Battery

Collection Date: 9/9/2021 7:46:00 AM

Lab ID: 2109585-001

Matrix: MEOH (SOIL) **Received Date:** 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	9/13/2021 8:47:47 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/11/2021 9:09:48 PM	62523
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/11/2021 9:09:48 PM	62523
Surr: DNOP	98.3	70-130		%Rec	1	9/11/2021 9:09:48 PM	62523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	9/13/2021 3:02:11 PM	G81229
Surr: BFB	101	70-130		%Rec	1	9/13/2021 3:02:11 PM	G81229
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	9/13/2021 3:02:11 PM	B81229
Toluene	ND	0.037		mg/Kg	1	9/13/2021 3:02:11 PM	B81229
Ethylbenzene	ND	0.037		mg/Kg	1	9/13/2021 3:02:11 PM	B81229
Xylenes, Total	ND	0.074		mg/Kg	1	9/13/2021 3:02:11 PM	B81229
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	9/13/2021 3:02:11 PM	B81229

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-1 5/10'

Project: Johnston BE Battery

Collection Date: 9/9/2021 7:54:00 AM

Lab ID: 2109585-002

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	190	60		mg/Kg	20	9/13/2021 9:00:11 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	9/11/2021 9:33:36 PM	62523
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/11/2021 9:33:36 PM	62523
Surr: DNOP	97.7	70-130		%Rec	1	9/11/2021 9:33:36 PM	62523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	9/13/2021 3:25:53 PM	G81229
Surr: BFB	103	70-130		%Rec	1	9/13/2021 3:25:53 PM	G81229
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	9/13/2021 3:25:53 PM	B81229
Toluene	ND	0.042		mg/Kg	1	9/13/2021 3:25:53 PM	B81229
Ethylbenzene	ND	0.042		mg/Kg	1	9/13/2021 3:25:53 PM	B81229
Xylenes, Total	ND	0.085		mg/Kg	1	9/13/2021 3:25:53 PM	B81229
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	9/13/2021 3:25:53 PM	B81229

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-1 5/15'

Project: Johnston BE Battery

Collection Date: 9/9/2021 8:10:00 AM

Lab ID: 2109585-003

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	860	60		mg/Kg	20	9/13/2021 9:12:35 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/11/2021 9:57:25 PM	62523
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/11/2021 9:57:25 PM	62523
Surr: DNOP	98.9	70-130		%Rec	1	9/11/2021 9:57:25 PM	62523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	9/13/2021 3:49:43 PM	G81229
Surr: BFB	105	70-130		%Rec	1	9/13/2021 3:49:43 PM	G81229
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	9/13/2021 3:49:43 PM	B81229
Toluene	ND	0.036		mg/Kg	1	9/13/2021 3:49:43 PM	B81229
Ethylbenzene	ND	0.036		mg/Kg	1	9/13/2021 3:49:43 PM	B81229
Xylenes, Total	ND	0.072		mg/Kg	1	9/13/2021 3:49:43 PM	B81229
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	9/13/2021 3:49:43 PM	B81229

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-1/6'

Project: Johnston BE Battery

Collection Date: 9/9/2021 8:27:00 AM

Lab ID: 2109585-004

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	66	60		mg/Kg	20	9/13/2021 9:25:00 AM	62526
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/13/2021 2:19:03 PM	R81232
Surr: BFB	107	70-130		%Rec	1	9/13/2021 2:19:03 PM	R81232
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/11/2021 10:21:18 PM	62523
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/11/2021 10:21:18 PM	62523
Surr: DNOP	101	70-130		%Rec	1	9/11/2021 10:21:18 PM	62523
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: RAA
Methyl tert-butyl ether (MTBE)	ND	0.049		mg/Kg	1	9/13/2021 2:19:03 PM	R81232
Benzene	ND	0.024		mg/Kg	1	9/13/2021 2:19:03 PM	R81232
Toluene	ND	0.049		mg/Kg	1	9/13/2021 2:19:03 PM	R81232
Ethylbenzene	ND	0.049		mg/Kg	1	9/13/2021 2:19:03 PM	R81232
Xylenes, Total	ND	0.097		mg/Kg	1	9/13/2021 2:19:03 PM	R81232
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	9/13/2021 2:19:03 PM	R81232
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	9/13/2021 2:19:03 PM	R81232
Surr: Dibromofluoromethane	106	70-130		%Rec	1	9/13/2021 2:19:03 PM	R81232
Surr: Toluene-d8	103	70-130		%Rec	1	9/13/2021 2:19:03 PM	R81232

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-1/13'

Project: Johnston BE Battery

Collection Date: 9/9/2021 8:45:00 AM

Lab ID: 2109585-005

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	330	60		mg/Kg	20	9/13/2021 9:37:24 AM	62526
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.4		mg/Kg	1	9/13/2021 2:47:47 PM	R81232
Surr: BFB	105	70-130		%Rec	1	9/13/2021 2:47:47 PM	R81232
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/11/2021 10:45:17 PM	62523
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/11/2021 10:45:17 PM	62523
Surr: DNOP	98.7	70-130		%Rec	1	9/11/2021 10:45:17 PM	62523
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: RAA
Methyl tert-butyl ether (MTBE)	ND	0.054		mg/Kg	1	9/13/2021 2:47:47 PM	R81232
Benzene	ND	0.027		mg/Kg	1	9/13/2021 2:47:47 PM	R81232
Toluene	ND	0.054		mg/Kg	1	9/13/2021 2:47:47 PM	R81232
Ethylbenzene	ND	0.054		mg/Kg	1	9/13/2021 2:47:47 PM	R81232
Xylenes, Total	ND	0.11		mg/Kg	1	9/13/2021 2:47:47 PM	R81232
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	9/13/2021 2:47:47 PM	R81232
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	9/13/2021 2:47:47 PM	R81232
Surr: Dibromofluoromethane	106	70-130		%Rec	1	9/13/2021 2:47:47 PM	R81232
Surr: Toluene-d8	105	70-130		%Rec	1	9/13/2021 2:47:47 PM	R81232

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-1/21'

Project: Johnston BE Battery

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

Lab ID: 2109585-006

Matrix: MEOH (SOIL) **Received Date:** 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	280	59		mg/Kg	20	9/13/2021 9:49:48 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	9/11/2021 11:09:18 PM	62523
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	9/11/2021 11:09:18 PM	62523
Surr: DNOP	100	70-130		%Rec	1	9/11/2021 11:09:18 PM	62523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	9/13/2021 3:20:00 PM	R81223
Surr: BFB	97.4	70-130		%Rec	1	9/13/2021 3:20:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.017		mg/Kg	1	9/13/2021 3:20:00 PM	BS81223
Toluene	ND	0.034		mg/Kg	1	9/13/2021 3:20:00 PM	BS81223
Ethylbenzene	ND	0.034		mg/Kg	1	9/13/2021 3:20:00 PM	BS81223
Xylenes, Total	ND	0.068		mg/Kg	1	9/13/2021 3:20:00 PM	BS81223
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	9/13/2021 3:20:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-1/25

Project: Johnston BE Battery

Collection Date: 9/9/2021 9:37:00 AM

Lab ID: 2109585-007

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	9/13/2021 10:27:00 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/11/2021 11:33:14 PM	62523
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/11/2021 11:33:14 PM	62523
Surr: DNOP	99.3	70-130		%Rec	1	9/11/2021 11:33:14 PM	62523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	9/13/2021 3:40:00 PM	R81223
Surr: BFB	95.8	70-130		%Rec	1	9/13/2021 3:40:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.018		mg/Kg	1	9/13/2021 3:40:00 PM	BS81223
Toluene	ND	0.037		mg/Kg	1	9/13/2021 3:40:00 PM	BS81223
Ethylbenzene	ND	0.037		mg/Kg	1	9/13/2021 3:40:00 PM	BS81223
Xylenes, Total	ND	0.074		mg/Kg	1	9/13/2021 3:40:00 PM	BS81223
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	9/13/2021 3:40:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-2/6'

Project: Johnston BE Battery

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

Lab ID: 2109585-008

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	260	60		mg/Kg	20	9/13/2021 10:39:24 AM	62526
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	2.8		mg/Kg	1	9/13/2021 3:16:34 PM	R81232
Surr: BFB	100	70-130		%Rec	1	9/13/2021 3:16:34 PM	R81232
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	9/11/2021 11:57:11 PM	62523
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/11/2021 11:57:11 PM	62523
Surr: DNOP	99.6	70-130		%Rec	1	9/11/2021 11:57:11 PM	62523
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: RAA
Methyl tert-butyl ether (MTBE)	ND	0.028		mg/Kg	1	9/13/2021 3:16:34 PM	R81232
Benzene	ND	0.014		mg/Kg	1	9/13/2021 3:16:34 PM	R81232
Toluene	ND	0.028		mg/Kg	1	9/13/2021 3:16:34 PM	R81232
Ethylbenzene	ND	0.028		mg/Kg	1	9/13/2021 3:16:34 PM	R81232
Xylenes, Total	ND	0.056		mg/Kg	1	9/13/2021 3:16:34 PM	R81232
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	9/13/2021 3:16:34 PM	R81232
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	9/13/2021 3:16:34 PM	R81232
Surr: Dibromofluoromethane	105	70-130		%Rec	1	9/13/2021 3:16:34 PM	R81232
Surr: Toluene-d8	103	70-130		%Rec	1	9/13/2021 3:16:34 PM	R81232

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-2/8'

Project: Johnston BE Battery

Collection Date: 9/9/2021 10:04:00 AM

Lab ID: 2109585-009

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2200	60		mg/Kg	20	9/13/2021 8:31:21 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/12/2021 1:32:50 AM	62524
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/12/2021 1:32:50 AM	62524
Surr: DNOP	85.1	70-130		%Rec	1	9/12/2021 1:32:50 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	9/13/2021 9:26:00 AM	R81223
Surr: BFB	101	70-130		%Rec	1	9/13/2021 9:26:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	9/13/2021 9:26:00 AM	BS81223
Toluene	ND	0.038		mg/Kg	1	9/13/2021 9:26:00 AM	BS81223
Ethylbenzene	ND	0.038		mg/Kg	1	9/13/2021 9:26:00 AM	BS81223
Xylenes, Total	ND	0.076		mg/Kg	1	9/13/2021 9:26:00 AM	BS81223
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	9/13/2021 9:26:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-S2/10'

Project: Johnston BE Battery

Collection Date: 9/9/2021 10:06:00 AM

Lab ID: 2109585-010

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	59		mg/Kg	20	9/13/2021 8:43:42 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	9/12/2021 2:44:40 AM	62524
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	9/12/2021 2:44:40 AM	62524
Surr: DNOP	95.2	70-130		%Rec	1	9/12/2021 2:44:40 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	9/13/2021 9:45:00 AM	R81223
Surr: BFB	95.9	70-130		%Rec	1	9/13/2021 9:45:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.018		mg/Kg	1	9/13/2021 9:45:00 AM	BS81223
Toluene	ND	0.036		mg/Kg	1	9/13/2021 9:45:00 AM	BS81223
Ethylbenzene	ND	0.036		mg/Kg	1	9/13/2021 9:45:00 AM	BS81223
Xylenes, Total	ND	0.071		mg/Kg	1	9/13/2021 9:45:00 AM	BS81223
Surr: 4-Bromofluorobenzene	83.3	70-130		%Rec	1	9/13/2021 9:45:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-SE/3'

Project: Johnston BE Battery

Collection Date: 9/9/2021 10:40:00 AM

Lab ID: 2109585-011

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	940	61		mg/Kg	20	9/13/2021 8:56:03 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/12/2021 3:08:29 AM	62524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/12/2021 3:08:29 AM	62524
Surr: DNOP	98.4	70-130		%Rec	1	9/12/2021 3:08:29 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	9/13/2021 10:05:00 AM	R81223
Surr: BFB	98.8	70-130		%Rec	1	9/13/2021 10:05:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	9/13/2021 10:05:00 AM	BS81223
Toluene	ND	0.038		mg/Kg	1	9/13/2021 10:05:00 AM	BS81223
Ethylbenzene	ND	0.038		mg/Kg	1	9/13/2021 10:05:00 AM	BS81223
Xylenes, Total	ND	0.077		mg/Kg	1	9/13/2021 10:05:00 AM	BS81223
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	9/13/2021 10:05:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-SE/6'

Project: Johnston BE Battery

Collection Date: 9/9/2021 10:44:00 AM

Lab ID: 2109585-012

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2300	60		mg/Kg	20	9/13/2021 9:08:24 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/12/2021 3:32:15 AM	62524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/12/2021 3:32:15 AM	62524
Surr: DNOP	96.4	70-130		%Rec	1	9/12/2021 3:32:15 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	9/13/2021 10:25:00 AM	R81223
Surr: BFB	98.8	70-130		%Rec	1	9/13/2021 10:25:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.021		mg/Kg	1	9/13/2021 10:25:00 AM	BS81223
Toluene	ND	0.041		mg/Kg	1	9/13/2021 10:25:00 AM	BS81223
Ethylbenzene	ND	0.041		mg/Kg	1	9/13/2021 10:25:00 AM	BS81223
Xylenes, Total	ND	0.082		mg/Kg	1	9/13/2021 10:25:00 AM	BS81223
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	9/13/2021 10:25:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-SE/12'

Project: Johnston BE Battery

Collection Date: 9/9/2021 10:52:00 AM

Lab ID: 2109585-013

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	320	59		mg/Kg	20	9/13/2021 9:20:45 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/12/2021 3:56:06 AM	62524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/12/2021 3:56:06 AM	62524
Surr: DNOP	96.8	70-130		%Rec	1	9/12/2021 3:56:06 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	9/13/2021 10:44:00 AM	R81223
Surr: BFB	93.5	70-130		%Rec	1	9/13/2021 10:44:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	9/13/2021 10:44:00 AM	BS81223
Toluene	ND	0.043		mg/Kg	1	9/13/2021 10:44:00 AM	BS81223
Ethylbenzene	ND	0.043		mg/Kg	1	9/13/2021 10:44:00 AM	BS81223
Xylenes, Total	ND	0.086		mg/Kg	1	9/13/2021 10:44:00 AM	BS81223
Surr: 4-Bromofluorobenzene	79.3	70-130		%Rec	1	9/13/2021 10:44:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-S/0'

Project: Johnston BE Battery

Collection Date: 9/9/2021 11:07:00 AM

Lab ID: 2109585-014

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 9:33:07 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/12/2021 4:19:53 AM	62524
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/12/2021 4:19:53 AM	62524
Surr: DNOP	98.2	70-130		%Rec	1	9/12/2021 4:19:53 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	9/13/2021 11:04:00 AM	R81223
Surr: BFB	94.5	70-130		%Rec	1	9/13/2021 11:04:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	9/13/2021 11:04:00 AM	BS81223
Toluene	ND	0.045		mg/Kg	1	9/13/2021 11:04:00 AM	BS81223
Ethylbenzene	ND	0.045		mg/Kg	1	9/13/2021 11:04:00 AM	BS81223
Xylenes, Total	ND	0.090		mg/Kg	1	9/13/2021 11:04:00 AM	BS81223
Surr: 4-Bromofluorobenzene	82.9	70-130		%Rec	1	9/13/2021 11:04:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-S/4'

Project: Johnston BE Battery

Collection Date: 9/9/2021 11:14:00 AM

Lab ID: 2109585-015

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 9:45:27 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	9/12/2021 4:43:38 AM	62524
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/12/2021 4:43:38 AM	62524
Surr: DNOP	98.8	70-130		%Rec	1	9/12/2021 4:43:38 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	9/13/2021 11:24:00 AM	R81223
Surr: BFB	90.0	70-130		%Rec	1	9/13/2021 11:24:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	9/13/2021 11:24:00 AM	BS81223
Toluene	ND	0.044		mg/Kg	1	9/13/2021 11:24:00 AM	BS81223
Ethylbenzene	ND	0.044		mg/Kg	1	9/13/2021 11:24:00 AM	BS81223
Xylenes, Total	ND	0.087		mg/Kg	1	9/13/2021 11:24:00 AM	BS81223
Surr: 4-Bromofluorobenzene	79.4	70-130		%Rec	1	9/13/2021 11:24:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-SW/0'

Project: Johnston BE Battery

Collection Date: 9/9/2021 11:30:00 AM

Lab ID: 2109585-016

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 9:57:49 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	9/12/2021 5:07:25 AM	62524
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/12/2021 5:07:25 AM	62524
Surr: DNOP	99.2	70-130		%Rec	1	9/12/2021 5:07:25 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	9/13/2021 11:43:00 AM	R81223
Surr: BFB	95.9	70-130		%Rec	1	9/13/2021 11:43:00 AM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.018		mg/Kg	1	9/13/2021 11:43:00 AM	BS81223
Toluene	ND	0.037		mg/Kg	1	9/13/2021 11:43:00 AM	BS81223
Ethylbenzene	ND	0.037		mg/Kg	1	9/13/2021 11:43:00 AM	BS81223
Xylenes, Total	ND	0.074		mg/Kg	1	9/13/2021 11:43:00 AM	BS81223
Surr: 4-Bromofluorobenzene	81.4	70-130		%Rec	1	9/13/2021 11:43:00 AM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-SW/4'

Project: Johnston BE Battery

Collection Date: 9/9/2021 11:38:00 AM

Lab ID: 2109585-017

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 10:34:53 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/12/2021 5:31:09 AM	62524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/12/2021 5:31:09 AM	62524
Surr: DNOP	99.9	70-130		%Rec	1	9/12/2021 5:31:09 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	9/13/2021 12:03:00 PM	R81223
Surr: BFB	96.1	70-130		%Rec	1	9/13/2021 12:03:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	9/13/2021 12:03:00 PM	BS81223
Toluene	ND	0.033		mg/Kg	1	9/13/2021 12:03:00 PM	BS81223
Ethylbenzene	ND	0.033		mg/Kg	1	9/13/2021 12:03:00 PM	BS81223
Xylenes, Total	ND	0.065		mg/Kg	1	9/13/2021 12:03:00 PM	BS81223
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	9/13/2021 12:03:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-SE.1/0'

Project: Johnston BE Battery

Collection Date: 9/9/2021 12:37:00 PM

Lab ID: 2109585-018

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 10:47:15 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	9/12/2021 5:54:58 AM	62524
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/12/2021 5:54:58 AM	62524
Surr: DNOP	102	70-130		%Rec	1	9/12/2021 5:54:58 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	9/13/2021 12:23:00 PM	R81223
Surr: BFB	95.6	70-130		%Rec	1	9/13/2021 12:23:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	9/13/2021 12:23:00 PM	BS81223
Toluene	ND	0.043		mg/Kg	1	9/13/2021 12:23:00 PM	BS81223
Ethylbenzene	ND	0.043		mg/Kg	1	9/13/2021 12:23:00 PM	BS81223
Xylenes, Total	ND	0.086		mg/Kg	1	9/13/2021 12:23:00 PM	BS81223
Surr: 4-Bromofluorobenzene	79.7	70-130		%Rec	1	9/13/2021 12:23:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-SE.1/4'

Project: Johnston BE Battery

Collection Date: 9/9/2021 12:41:00 PM

Lab ID: 2109585-019

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 10:59:35 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/12/2021 6:18:52 AM	62524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/12/2021 6:18:52 AM	62524
Surr: DNOP	100	70-130		%Rec	1	9/12/2021 6:18:52 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	9/13/2021 1:02:00 PM	R81223
Surr: BFB	97.6	70-130		%Rec	1	9/13/2021 1:02:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	9/13/2021 1:02:00 PM	BS81223
Toluene	ND	0.045		mg/Kg	1	9/13/2021 1:02:00 PM	BS81223
Ethylbenzene	ND	0.045		mg/Kg	1	9/13/2021 1:02:00 PM	BS81223
Xylenes, Total	ND	0.090		mg/Kg	1	9/13/2021 1:02:00 PM	BS81223
Surr: 4-Bromofluorobenzene	82.2	70-130		%Rec	1	9/13/2021 1:02:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-NE/2'

Project: Johnston BE Battery

Collection Date: 9/9/2021 1:00:00 PM

Lab ID: 2109585-020

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3000	150		mg/Kg	50	9/13/2021 12:26:04 PM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/12/2021 6:42:28 AM	62524
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/12/2021 6:42:28 AM	62524
Surr: DNOP	101	70-130		%Rec	1	9/12/2021 6:42:28 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.4		mg/Kg	1	9/13/2021 1:22:00 PM	R81223
Surr: BFB	97.9	70-130		%Rec	1	9/13/2021 1:22:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.027		mg/Kg	1	9/13/2021 1:22:00 PM	BS81223
Toluene	ND	0.054		mg/Kg	1	9/13/2021 1:22:00 PM	BS81223
Ethylbenzene	ND	0.054		mg/Kg	1	9/13/2021 1:22:00 PM	BS81223
Xylenes, Total	ND	0.11		mg/Kg	1	9/13/2021 1:22:00 PM	BS81223
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	9/13/2021 1:22:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-NE/6'

Project: Johnston BE Battery

Collection Date: 9/9/2021 1:08:00 PM

Lab ID: 2109585-021

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	100	60		mg/Kg	20	9/13/2021 11:24:17 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	9/12/2021 7:06:04 AM	62524
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	9/12/2021 7:06:04 AM	62524
Surr: DNOP	101	70-130		%Rec	1	9/12/2021 7:06:04 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	9/13/2021 1:42:00 PM	R81223
Surr: BFB	99.1	70-130		%Rec	1	9/13/2021 1:42:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	9/13/2021 1:42:00 PM	BS81223
Toluene	ND	0.038		mg/Kg	1	9/13/2021 1:42:00 PM	BS81223
Ethylbenzene	ND	0.038		mg/Kg	1	9/13/2021 1:42:00 PM	BS81223
Xylenes, Total	ND	0.077		mg/Kg	1	9/13/2021 1:42:00 PM	BS81223
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	9/13/2021 1:42:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-NE.1/2'

Project: Johnston BE Battery

Collection Date: 9/9/2021 1:20:00 PM

Lab ID: 2109585-022

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	9/13/2021 11:36:37 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/12/2021 7:29:40 AM	62524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/12/2021 7:29:40 AM	62524
Surr: DNOP	100	70-130		%Rec	1	9/12/2021 7:29:40 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	9/13/2021 2:01:00 PM	R81223
Surr: BFB	94.6	70-130		%Rec	1	9/13/2021 2:01:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	9/13/2021 2:01:00 PM	BS81223
Toluene	ND	0.038		mg/Kg	1	9/13/2021 2:01:00 PM	BS81223
Ethylbenzene	ND	0.038		mg/Kg	1	9/13/2021 2:01:00 PM	BS81223
Xylenes, Total	ND	0.076		mg/Kg	1	9/13/2021 2:01:00 PM	BS81223
Surr: 4-Bromofluorobenzene	80.8	70-130		%Rec	1	9/13/2021 2:01:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-NE.1/4'

Project: Johnston BE Battery

Collection Date: 9/9/2021 1:26:00 PM

Lab ID: 2109585-023

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 11:48:59 AM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/12/2021 7:53:18 AM	62524
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/12/2021 7:53:18 AM	62524
Surr: DNOP	103	70-130		%Rec	1	9/12/2021 7:53:18 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	9/13/2021 2:21:00 PM	R81223
Surr: BFB	97.0	70-130		%Rec	1	9/13/2021 2:21:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.021		mg/Kg	1	9/13/2021 2:21:00 PM	BS81223
Toluene	ND	0.043		mg/Kg	1	9/13/2021 2:21:00 PM	BS81223
Ethylbenzene	ND	0.043		mg/Kg	1	9/13/2021 2:21:00 PM	BS81223
Xylenes, Total	ND	0.085		mg/Kg	1	9/13/2021 2:21:00 PM	BS81223
Surr: 4-Bromofluorobenzene	82.9	70-130		%Rec	1	9/13/2021 2:21:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-NW/1'

Project: Johnston BE Battery

Collection Date: 9/9/2021 1:35:00 PM

Lab ID: 2109585-024

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 12:01:21 PM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	9/12/2021 8:16:58 AM	62524
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/12/2021 8:16:58 AM	62524
Surr: DNOP	97.7	70-130		%Rec	1	9/12/2021 8:16:58 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	9/13/2021 2:41:00 PM	R81223
Surr: BFB	97.2	70-130		%Rec	1	9/13/2021 2:41:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	9/13/2021 2:41:00 PM	BS81223
Toluene	ND	0.044		mg/Kg	1	9/13/2021 2:41:00 PM	BS81223
Ethylbenzene	ND	0.044		mg/Kg	1	9/13/2021 2:41:00 PM	BS81223
Xylenes, Total	ND	0.089		mg/Kg	1	9/13/2021 2:41:00 PM	BS81223
Surr: 4-Bromofluorobenzene	82.7	70-130		%Rec	1	9/13/2021 2:41:00 PM	BS81223

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

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

Analytical Report

Lab Order **2109585**

Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: RSP-NW/4'

Project: Johnston BE Battery

Collection Date: 9/9/2021 1:41:00 PM

Lab ID: 2109585-025

Matrix: MEOH (SOIL)

Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/13/2021 12:13:42 PM	62527
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	9/12/2021 8:40:40 AM	62524
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/12/2021 8:40:40 AM	62524
Surr: DNOP	98.6	70-130		%Rec	1	9/12/2021 8:40:40 AM	62524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	9/13/2021 3:00:00 PM	R81223
Surr: BFB	99.2	70-130		%Rec	1	9/13/2021 3:00:00 PM	R81223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	9/13/2021 3:00:00 PM	BS81223
Toluene	ND	0.045		mg/Kg	1	9/13/2021 3:00:00 PM	BS81223
Ethylbenzene	ND	0.045		mg/Kg	1	9/13/2021 3:00:00 PM	BS81223
Xylenes, Total	ND	0.091		mg/Kg	1	9/13/2021 3:00:00 PM	BS81223
Surr: 4-Bromofluorobenzene	84.2	70-130		%Rec	1	9/13/2021 3:00:00 PM	BS81223

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109585

20-Sep-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-62526	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62526	RunNo: 81207								
Prep Date: 9/13/2021	Analysis Date: 9/13/2021	SeqNo: 2868182	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62526	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62526	RunNo: 81207								
Prep Date: 9/13/2021	Analysis Date: 9/13/2021	SeqNo: 2868183	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.5	90	110			

Sample ID: MB-62527	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62527	RunNo: 81222								
Prep Date: 9/13/2021	Analysis Date: 9/13/2021	SeqNo: 2868409	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62527	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62527	RunNo: 81222								
Prep Date: 9/13/2021	Analysis Date: 9/13/2021	SeqNo: 2868410	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 range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109585

20-Sep-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-62523	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62523	RunNo: 81216								
Prep Date: 9/11/2021	Analysis Date: 9/11/2021	SeqNo: 2867368	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	9.3		10.00		93.0	70	130			

Sample ID: LCS-62523	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62523	RunNo: 81216								
Prep Date: 9/11/2021	Analysis Date: 9/11/2021	SeqNo: 2867369	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	89.6	68.9	135			
Surr: DNOP	4.4		5.000		88.6	70	130			

Sample ID: MB-62524	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62524	RunNo: 81216								
Prep Date: 9/11/2021	Analysis Date: 9/12/2021	SeqNo: 2867370	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		95.7	70	130			

Sample ID: LCS-62524	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62524	RunNo: 81216								
Prep Date: 9/11/2021	Analysis Date: 9/12/2021	SeqNo: 2867371	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.3	68.9	135			
Surr: DNOP	4.7		5.000		93.7	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109585

20-Sep-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: R81223	RunNo: 81223								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2867874			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	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: R81223	RunNo: 81223								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2867875			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	78.6	131			
Surr: BFB	1300		1000		128	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: G81229	RunNo: 81229								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2868112			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		100	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: G81229	RunNo: 81229								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2868113			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	111	78.6	131			
Surr: BFB	1200		1000		118	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109585

20-Sep-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: BS81223	RunNo: 81223								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2867876			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		90.6	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: BS81223	RunNo: 81223								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2867877			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	85.2	80	120			
Toluene	0.89	0.050	1.000	0	88.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.0	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.9	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: B81229	RunNo: 81229								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2868148			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		85.6	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: B81229	RunNo: 81229								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2868153			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	91.1	80	120			
Toluene	0.93	0.050	1.000	0	92.8	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.1	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.0	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109585

20-Sep-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: R81232	RunNo: 81232								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2869324	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: 1,2-Dichloroethane-d4	0.52		0.5000		103	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.8	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		100	70	130			
Surr: Toluene-d8	0.52		0.5000		105	70	130			

Sample ID: 100ng lcs	SampType: LCS	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: LCSS	Batch ID: R81232	RunNo: 81232								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2869332	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	110	70	130			
Toluene	0.96	0.050	1.000	0	95.6	70	130			
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		102	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.6	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		103	70	130			
Surr: Toluene-d8	0.50		0.5000		101	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109585

20-Sep-21

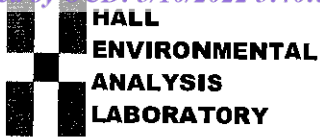
Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: R81232	RunNo: 81232								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2869589	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	530		500.0		107	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: R81232	RunNo: 81232								
Prep Date:	Analysis Date: 9/13/2021	SeqNo: 2869592	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	93.1	70	130			
Surr: BFB	510		500.0		102	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2109585

RcptNo: 1

Received By: Desiree Dominguez 9/11/2021 8:50:00 AM

[Signature]

Completed By: Desiree Dominguez 9/11/2021 9:44:53 AM

[Signature]

Reviewed By: [Signature] 09/11/2021

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: DAD 9/11/21

Special Handling (if applicable)

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

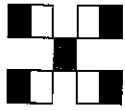
Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.9, Good, [], [], []

1 of 3



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 SAME DAY
 Project Name: Johnson SE BATTERY
 Project #: 5375

Project Manager: W. Kierdorf
 Sampler: W. Kierdorf
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 2.9 - 0.0 - 2.9 °C

Container Type and #
1 x 1/2 Jar ILE
 Preservative Type
ILE
 HEAL No
2109585

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No
9/9/2021	0746	SOIL	RSP-1-S/6'	1 x 1/2 Jar	ILE	-001
	0754		RSP-1-S/10'			-002
	0810		RSP-1-S/15'			-003
	0827		RSP-1/6'			-004
	0845		RSP-1/13'			-005
	0915		RSP-1/21'			-006
	0937		RSP-1/25'			-007
	1000		RSP-2/6'			-008
	1004		RSP-2/8'			-009
	1005		RSP-2/10'			-010
	1040		RSP-SE/3'			-011
	1044		RSP-SE/6'			-012

Received by: [Signature] Date: 9/10/21 Time: 8:50
 Relinquished by: [Signature]
 Received by: [Signature] Date: 9/11/21 Time: 8:50

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

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

Remarks: Bill to EOG Artesia

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

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:
 Standard Rush SAME DAY
 Project Name: JOHNSTON BE BATTERY
 Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 29-0-0 = 29°

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No
9/11/2011	1052	Soil	RSP-SE/2'	1x 4oz Jar	ICE	-013
	1107		RSP-S/0'			-014
	1114	1	RSP-S/4'			-015
	1130		RSP-SW/0'			-016
	1136		RSP-SW/4'			-017
	1237		RSP-SE.1/0'			-018
	1241		RSP-SE.1/4'			-019
	1300		RSP-NE/2'			-020
	1306		RSP-NE/5'			-021
	1330		RSP-NE.1/2'			-022
	1336		RSP-NE.1/4'			-023
	1335		RSP-NW/1'			-024

Date: 9/11/2011 Time: 1011 Relinquished by: [Signature]
 Date: 9/11/2011 Time: 1900 Relinquished by: [Signature]
 Received by: [Signature] Date: 9/11/2011
 Received by: [Signature] Date: 9/11/21 8:50

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

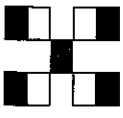
Analysis Request

Analysis	Method	Sample	Remarks
BTEX (6021)	Y		
TPH:8015D(GRO / DRO / MRO)	Y		
Chloride (EPA 300)	Y		

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.

8 of 3



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 *SAME DAY*
 Project Name: STONISTON BE BATTERY
 Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CP): 2.9-6.0-2.9°C

Container Type and # 1 x 4oz JAR
 Preservative Type ICE
 HEAL No 2109585
025

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 EDD (Type) Excel

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No
9/9/2021	1341	SOIL	RSP-MW/4'	1 x 4oz JAR	ICE	2109585 025

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

Received by: [Signature] Date: 9/11/21 Time: 8:00
 Relinquished by: [Signature]
 Received by: [Signature] Date: 9/11/21 Time: 8:00
 Relinquished by: [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
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

October 26, 2021

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

RE: Johnson BE Battery

OrderNo.: 2110736

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 29 sample(s) on 10/15/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com 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 **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-1

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:13:00 PM

Lab ID: 2110736-001

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	500	61		mg/Kg	20	10/21/2021 11:50:09 AM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 3:06:06 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 3:06:06 PM	63376
Surr: DNOP	91.0	70-130		%Rec	1	10/20/2021 3:06:06 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 11:28:00 AM	63370
Surr: BFB	113	70-130		%Rec	1	10/21/2021 11:28:00 AM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 11:28:00 AM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 11:28:00 AM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 11:28:00 AM	63370
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 11:28:00 AM	63370
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	10/21/2021 11:28:00 AM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-2

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:15:00 PM

Lab ID: 2110736-002

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	390	60		mg/Kg	20	10/21/2021 12:02:34 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 3:39:08 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 3:39:08 PM	63376
Surr: DNOP	90.6	70-130		%Rec	1	10/20/2021 3:39:08 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2021 12:27:00 PM	63370
Surr: BFB	99.4	70-130		%Rec	1	10/21/2021 12:27:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 12:27:00 PM	63370
Toluene	ND	0.047		mg/Kg	1	10/21/2021 12:27:00 PM	63370
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2021 12:27:00 PM	63370
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2021 12:27:00 PM	63370
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	10/21/2021 12:27:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-3

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:18:00 PM

Lab ID: 2110736-003

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	500	59		mg/Kg	20	10/21/2021 12:14:58 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2021 3:49:56 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 3:49:56 PM	63376
Surr: DNOP	72.8	70-130		%Rec	1	10/20/2021 3:49:56 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/21/2021 1:25:00 PM	63370
Surr: BFB	105	70-130		%Rec	1	10/21/2021 1:25:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/21/2021 1:25:00 PM	63370
Toluene	ND	0.050		mg/Kg	1	10/21/2021 1:25:00 PM	63370
Ethylbenzene	ND	0.050		mg/Kg	1	10/21/2021 1:25:00 PM	63370
Xylenes, Total	ND	0.099		mg/Kg	1	10/21/2021 1:25:00 PM	63370
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	10/21/2021 1:25:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-4

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:20:00 PM

Lab ID: 2110736-004

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	290	60		mg/Kg	20	10/21/2021 12:27:22 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 4:00:46 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 4:00:46 PM	63376
Surr: DNOP	79.5	70-130		%Rec	1	10/20/2021 4:00:46 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 1:45:00 PM	63370
Surr: BFB	102	70-130		%Rec	1	10/21/2021 1:45:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/21/2021 1:45:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 1:45:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 1:45:00 PM	63370
Xylenes, Total	ND	0.098		mg/Kg	1	10/21/2021 1:45:00 PM	63370
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	10/21/2021 1:45:00 PM	63370

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

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

Analytical Report

Lab Order 2110736

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-5

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:24:00 PM

Lab ID: 2110736-005

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	270	60		mg/Kg	20	10/21/2021 12:39:46 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2021 4:11:29 PM	63376
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 4:11:29 PM	63376
Surr: DNOP	81.1	70-130		%Rec	1	10/20/2021 4:11:29 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2021 2:05:00 PM	63370
Surr: BFB	103	70-130		%Rec	1	10/21/2021 2:05:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 2:05:00 PM	63370
Toluene	ND	0.048		mg/Kg	1	10/21/2021 2:05:00 PM	63370
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2021 2:05:00 PM	63370
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2021 2:05:00 PM	63370
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	10/21/2021 2:05:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-6

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:26:00 PM

Lab ID: 2110736-006

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	210	59		mg/Kg	20	10/21/2021 12:52:11 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 4:22:17 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 4:22:17 PM	63376
Surr: DNOP	83.1	70-130		%Rec	1	10/20/2021 4:22:17 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2021 2:24:00 PM	63370
Surr: BFB	102	70-130		%Rec	1	10/21/2021 2:24:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 2:24:00 PM	63370
Toluene	ND	0.048		mg/Kg	1	10/21/2021 2:24:00 PM	63370
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2021 2:24:00 PM	63370
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 2:24:00 PM	63370
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	10/21/2021 2:24:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-7

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:30:00 PM

Lab ID: 2110736-007

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	180	60		mg/Kg	20	10/21/2021 1:04:36 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/20/2021 4:32:59 PM	63376
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 4:32:59 PM	63376
Surr: DNOP	88.6	70-130		%Rec	1	10/20/2021 4:32:59 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 2:44:00 PM	63370
Surr: BFB	103	70-130		%Rec	1	10/21/2021 2:44:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/21/2021 2:44:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 2:44:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 2:44:00 PM	63370
Xylenes, Total	ND	0.098		mg/Kg	1	10/21/2021 2:44:00 PM	63370
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	10/21/2021 2:44:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-8

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:32:00 PM

Lab ID: 2110736-008

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	10/21/2021 1:17:00 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2021 4:43:44 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 4:43:44 PM	63376
Surr: DNOP	64.0	70-130	S	%Rec	1	10/20/2021 4:43:44 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2021 3:42:00 PM	63370
Surr: BFB	103	70-130		%Rec	1	10/21/2021 3:42:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 3:42:00 PM	63370
Toluene	ND	0.047		mg/Kg	1	10/21/2021 3:42:00 PM	63370
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2021 3:42:00 PM	63370
Xylenes, Total	ND	0.094		mg/Kg	1	10/21/2021 3:42:00 PM	63370
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	10/21/2021 3:42:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-9

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:34:00 PM

Lab ID: 2110736-009

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	190	60		mg/Kg	20	10/21/2021 1:29:24 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2021 4:54:30 PM	63376
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 4:54:30 PM	63376
Surr: DNOP	82.9	70-130		%Rec	1	10/20/2021 4:54:30 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/21/2021 4:02:00 PM	63370
Surr: BFB	102	70-130		%Rec	1	10/21/2021 4:02:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/21/2021 4:02:00 PM	63370
Toluene	ND	0.050		mg/Kg	1	10/21/2021 4:02:00 PM	63370
Ethylbenzene	ND	0.050		mg/Kg	1	10/21/2021 4:02:00 PM	63370
Xylenes, Total	ND	0.10		mg/Kg	1	10/21/2021 4:02:00 PM	63370
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	10/21/2021 4:02:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-10

Project: Johnson BE Battery

Collection Date: 10/13/2021 12:37:00 PM

Lab ID: 2110736-010

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	10/21/2021 1:41:49 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/20/2021 5:05:18 PM	63376
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 5:05:18 PM	63376
Surr: DNOP	85.3	70-130		%Rec	1	10/20/2021 5:05:18 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/21/2021 4:21:00 PM	63370
Surr: BFB	98.4	70-130		%Rec	1	10/21/2021 4:21:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/21/2021 4:21:00 PM	63370
Toluene	ND	0.046		mg/Kg	1	10/21/2021 4:21:00 PM	63370
Ethylbenzene	ND	0.046		mg/Kg	1	10/21/2021 4:21:00 PM	63370
Xylenes, Total	ND	0.093		mg/Kg	1	10/21/2021 4:21:00 PM	63370
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	10/21/2021 4:21:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-NW-1

Project: Johnson BE Battery

Collection Date: 10/13/2021 1:07:00 PM

Lab ID: 2110736-011

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	140	60		mg/Kg	20	10/21/2021 2:19:02 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 5:16:11 PM	63376
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 5:16:11 PM	63376
Surr: DNOP	83.2	70-130		%Rec	1	10/20/2021 5:16:11 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2021 4:41:00 PM	63370
Surr: BFB	104	70-130		%Rec	1	10/21/2021 4:41:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/21/2021 4:41:00 PM	63370
Toluene	ND	0.047		mg/Kg	1	10/21/2021 4:41:00 PM	63370
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2021 4:41:00 PM	63370
Xylenes, Total	ND	0.093		mg/Kg	1	10/21/2021 4:41:00 PM	63370
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	10/21/2021 4:41:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NB-NW-2

Project: Johnson BE Battery

Collection Date: 10/13/2021 1:10:00 PM

Lab ID: 2110736-012

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	90	60		mg/Kg	20	10/21/2021 2:31:26 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 5:27:00 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 5:27:00 PM	63376
Surr: DNOP	71.0	70-130		%Rec	1	10/20/2021 5:27:00 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 5:00:00 PM	63370
Surr: BFB	100	70-130		%Rec	1	10/21/2021 5:00:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 5:00:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 5:00:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 5:00:00 PM	63370
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 5:00:00 PM	63370
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	10/21/2021 5:00:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NW-1

Project: Johnson BE Battery

Collection Date: 10/13/2021 1:18:00 PM

Lab ID: 2110736-013

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	10/21/2021 2:43:51 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/20/2021 5:37:51 PM	63376
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 5:37:51 PM	63376
Surr: DNOP	63.1	70-130	S	%Rec	1	10/20/2021 5:37:51 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 5:20:00 PM	63370
Surr: BFB	113	70-130		%Rec	1	10/21/2021 5:20:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 5:20:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 5:20:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 5:20:00 PM	63370
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 5:20:00 PM	63370
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	10/21/2021 5:20:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NW-2

Project: Johnson BE Battery

Collection Date: 10/13/2021 1:20:00 PM

Lab ID: 2110736-014

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	71	60		mg/Kg	20	10/21/2021 2:56:15 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 5:48:47 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 5:48:47 PM	63376
Surr: DNOP	70.3	70-130		%Rec	1	10/20/2021 5:48:47 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 5:40:00 PM	63370
Surr: BFB	110	70-130		%Rec	1	10/21/2021 5:40:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/21/2021 5:40:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 5:40:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 5:40:00 PM	63370
Xylenes, Total	ND	0.098		mg/Kg	1	10/21/2021 5:40:00 PM	63370
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	10/21/2021 5:40:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-1

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:16:00 PM

Lab ID: 2110736-015

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	210	61		mg/Kg	20	10/21/2021 3:08:40 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/20/2021 5:59:53 PM	63376
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 5:59:53 PM	63376
Surr: DNOP	81.2	70-130		%Rec	1	10/20/2021 5:59:53 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/21/2021 5:59:00 PM	63370
Surr: BFB	98.8	70-130		%Rec	1	10/21/2021 5:59:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/21/2021 5:59:00 PM	63370
Toluene	ND	0.050		mg/Kg	1	10/21/2021 5:59:00 PM	63370
Ethylbenzene	ND	0.050		mg/Kg	1	10/21/2021 5:59:00 PM	63370
Xylenes, Total	ND	0.10		mg/Kg	1	10/21/2021 5:59:00 PM	63370
Surr: 4-Bromofluorobenzene	86.1	70-130		%Rec	1	10/21/2021 5:59:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-2

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:20:00 PM

Lab ID: 2110736-016

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	200	60		mg/Kg	20	10/21/2021 3:21:04 PM	63453
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	29	9.6		mg/Kg	1	10/21/2021 12:42:16 PM	63376
Motor Oil Range Organics (MRO)	71	48		mg/Kg	1	10/21/2021 12:42:16 PM	63376
Surr: DNOP	102	70-130		%Rec	1	10/21/2021 12:42:16 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 6:18:00 PM	63370
Surr: BFB	98.7	70-130		%Rec	1	10/21/2021 6:18:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 6:18:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 6:18:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 6:18:00 PM	63370
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 6:18:00 PM	63370
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	10/21/2021 6:18:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-3

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:23:00 PM

Lab ID: 2110736-017

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	490	60		mg/Kg	20	10/21/2021 2:33:02 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 6:22:04 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 6:22:04 PM	63376
Surr: DNOP	91.8	70-130		%Rec	1	10/20/2021 6:22:04 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2021 6:38:00 PM	63370
Surr: BFB	101	70-130		%Rec	1	10/21/2021 6:38:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/21/2021 6:38:00 PM	63370
Toluene	ND	0.047		mg/Kg	1	10/21/2021 6:38:00 PM	63370
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2021 6:38:00 PM	63370
Xylenes, Total	ND	0.093		mg/Kg	1	10/21/2021 6:38:00 PM	63370
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	10/21/2021 6:38:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-4

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:26:00 PM

Lab ID: 2110736-018

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	410	60		mg/Kg	20	10/21/2021 2:45:26 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/20/2021 6:33:06 PM	63376
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/20/2021 6:33:06 PM	63376
Surr: DNOP	73.8	70-130		%Rec	1	10/20/2021 6:33:06 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 7:37:00 PM	63370
Surr: BFB	104	70-130		%Rec	1	10/21/2021 7:37:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/21/2021 7:37:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 7:37:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 7:37:00 PM	63370
Xylenes, Total	ND	0.099		mg/Kg	1	10/21/2021 7:37:00 PM	63370
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	10/21/2021 7:37:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-5

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:29:00 PM

Lab ID: 2110736-019

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	460	60		mg/Kg	20	10/21/2021 2:57:51 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 6:44:08 PM	63376
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 6:44:08 PM	63376
Surr: DNOP	90.4	70-130		%Rec	1	10/20/2021 6:44:08 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/21/2021 7:56:00 PM	63370
Surr: BFB	105	70-130		%Rec	1	10/21/2021 7:56:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/21/2021 7:56:00 PM	63370
Toluene	ND	0.046		mg/Kg	1	10/21/2021 7:56:00 PM	63370
Ethylbenzene	ND	0.046		mg/Kg	1	10/21/2021 7:56:00 PM	63370
Xylenes, Total	ND	0.093		mg/Kg	1	10/21/2021 7:56:00 PM	63370
Surr: 4-Bromofluorobenzene	90.9	70-130		%Rec	1	10/21/2021 7:56:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-6

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:32:00 PM

Lab ID: 2110736-020

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	310	61		mg/Kg	20	10/21/2021 3:10:16 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/21/2021 6:54:25 PM	63376
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/21/2021 6:54:25 PM	63376
Surr: DNOP	90.7	70-130		%Rec	1	10/21/2021 6:54:25 PM	63376
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 8:16:00 PM	63370
Surr: BFB	102	70-130		%Rec	1	10/21/2021 8:16:00 PM	63370
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/21/2021 8:16:00 PM	63370
Toluene	ND	0.049		mg/Kg	1	10/21/2021 8:16:00 PM	63370
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 8:16:00 PM	63370
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 8:16:00 PM	63370
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	10/21/2021 8:16:00 PM	63370

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-7

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:36:00 PM

Lab ID: 2110736-021

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	290	60		mg/Kg	20	10/21/2021 3:22:40 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/20/2021 10:09:05 PM	63392
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/20/2021 10:09:05 PM	63392
Surr: DNOP	101	70-130		%Rec	1	10/20/2021 10:09:05 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2021 6:07:04 PM	63372
Surr: BFB	102	70-130		%Rec	1	10/21/2021 6:07:04 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 6:07:04 PM	63372
Toluene	ND	0.048		mg/Kg	1	10/21/2021 6:07:04 PM	63372
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2021 6:07:04 PM	63372
Xylenes, Total	ND	0.096		mg/Kg	1	10/21/2021 6:07:04 PM	63372
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	10/21/2021 6:07:04 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-8

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:38:00 PM

Lab ID: 2110736-022

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	310	60		mg/Kg	20	10/21/2021 3:35:04 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/20/2021 10:52:12 PM	63392
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 10:52:12 PM	63392
Surr: DNOP	94.5	70-130		%Rec	1	10/20/2021 10:52:12 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2021 7:17:08 PM	63372
Surr: BFB	99.4	70-130		%Rec	1	10/21/2021 7:17:08 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 7:17:08 PM	63372
Toluene	ND	0.048		mg/Kg	1	10/21/2021 7:17:08 PM	63372
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2021 7:17:08 PM	63372
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2021 7:17:08 PM	63372
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	10/21/2021 7:17:08 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-9

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:40:00 PM

Lab ID: 2110736-023

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	10/21/2021 3:47:29 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/20/2021 11:03:01 PM	63392
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 11:03:01 PM	63392
Surr: DNOP	87.2	70-130		%Rec	1	10/20/2021 11:03:01 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2021 8:27:36 PM	63372
Surr: BFB	97.9	70-130		%Rec	1	10/21/2021 8:27:36 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 8:27:36 PM	63372
Toluene	ND	0.048		mg/Kg	1	10/21/2021 8:27:36 PM	63372
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2021 8:27:36 PM	63372
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 8:27:36 PM	63372
Surr: 4-Bromofluorobenzene	83.2	70-130		%Rec	1	10/21/2021 8:27:36 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-10

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:44:00 PM

Lab ID: 2110736-024

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1300	61		mg/Kg	20	10/21/2021 3:59:54 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 11:13:57 PM	63392
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 11:13:57 PM	63392
Surr: DNOP	85.1	70-130		%Rec	1	10/20/2021 11:13:57 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2021 8:51:03 PM	63372
Surr: BFB	97.3	70-130		%Rec	1	10/21/2021 8:51:03 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 8:51:03 PM	63372
Toluene	ND	0.047		mg/Kg	1	10/21/2021 8:51:03 PM	63372
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2021 8:51:03 PM	63372
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2021 8:51:03 PM	63372
Surr: 4-Bromofluorobenzene	83.0	70-130		%Rec	1	10/21/2021 8:51:03 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-11

Project: Johnson BE Battery

Collection Date: 10/13/2021 2:46:00 PM

Lab ID: 2110736-025

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	610	60		mg/Kg	20	10/21/2021 4:12:19 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/20/2021 11:24:53 PM	63392
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/20/2021 11:24:53 PM	63392
Surr: DNOP	76.8	70-130		%Rec	1	10/20/2021 11:24:53 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2021 10:24:55 PM	63372
Surr: BFB	104	70-130		%Rec	1	10/21/2021 10:24:55 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 10:24:55 PM	63372
Toluene	ND	0.047		mg/Kg	1	10/21/2021 10:24:55 PM	63372
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2021 10:24:55 PM	63372
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2021 10:24:55 PM	63372
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	10/21/2021 10:24:55 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-1

Project: Johnson BE Battery

Collection Date: 10/13/2021 3:03:00 PM

Lab ID: 2110736-026

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	240	60		mg/Kg	20	10/21/2021 4:24:44 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/20/2021 11:35:48 PM	63392
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/20/2021 11:35:48 PM	63392
Surr: DNOP	90.4	70-130		%Rec	1	10/20/2021 11:35:48 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 10:48:18 PM	63372
Surr: BFB	101	70-130		%Rec	1	10/21/2021 10:48:18 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 10:48:18 PM	63372
Toluene	ND	0.049		mg/Kg	1	10/21/2021 10:48:18 PM	63372
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 10:48:18 PM	63372
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 10:48:18 PM	63372
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	10/21/2021 10:48:18 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-2

Project: Johnson BE Battery

Collection Date: 10/13/2021 3:06:00 PM

Lab ID: 2110736-027

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	640	59		mg/Kg	20	10/21/2021 5:01:58 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/20/2021 11:46:42 PM	63392
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/20/2021 11:46:42 PM	63392
Surr: DNOP	76.1	70-130		%Rec	1	10/20/2021 11:46:42 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/21/2021 11:11:30 PM	63372
Surr: BFB	103	70-130		%Rec	1	10/21/2021 11:11:30 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/21/2021 11:11:30 PM	63372
Toluene	ND	0.046		mg/Kg	1	10/21/2021 11:11:30 PM	63372
Ethylbenzene	ND	0.046		mg/Kg	1	10/21/2021 11:11:30 PM	63372
Xylenes, Total	ND	0.091		mg/Kg	1	10/21/2021 11:11:30 PM	63372
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	10/21/2021 11:11:30 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-3

Project: Johnson BE Battery

Collection Date: 10/13/2021 3:07:00 PM

Lab ID: 2110736-028

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/21/2021 5:14:23 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/20/2021 11:57:33 PM	63392
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/20/2021 11:57:33 PM	63392
Surr: DNOP	86.5	70-130		%Rec	1	10/20/2021 11:57:33 PM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 11:34:55 PM	63372
Surr: BFB	105	70-130		%Rec	1	10/21/2021 11:34:55 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 11:34:55 PM	63372
Toluene	ND	0.049		mg/Kg	1	10/21/2021 11:34:55 PM	63372
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 11:34:55 PM	63372
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 11:34:55 PM	63372
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	10/21/2021 11:34:55 PM	63372

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

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

Analytical Report

Lab Order **2110736**

Date Reported: **10/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-4

Project: Johnson BE Battery

Collection Date: 10/13/2021 3:10:00 PM

Lab ID: 2110736-029

Matrix: SOIL

Received Date: 10/15/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/21/2021 5:26:48 PM	63457
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/21/2021 12:08:25 AM	63392
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2021 12:08:25 AM	63392
Surr: DNOP	89.9	70-130		%Rec	1	10/21/2021 12:08:25 AM	63392
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2021 11:58:16 PM	63372
Surr: BFB	101	70-130		%Rec	1	10/21/2021 11:58:16 PM	63372
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 11:58:16 PM	63372
Toluene	ND	0.047		mg/Kg	1	10/21/2021 11:58:16 PM	63372
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2021 11:58:16 PM	63372
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2021 11:58:16 PM	63372
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	10/21/2021 11:58:16 PM	63372

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110736

26-Oct-21

Client: EOG
Project: Johnson BE Battery

Sample ID: MB-63457	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63457	RunNo: 82233								
Prep Date: 10/21/2021	Analysis Date: 10/21/2021	SeqNo: 2915746	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63457	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63457	RunNo: 82233								
Prep Date: 10/21/2021	Analysis Date: 10/21/2021	SeqNo: 2915747	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			

Sample ID: MB-63453	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63453	RunNo: 82261								
Prep Date: 10/21/2021	Analysis Date: 10/21/2021	SeqNo: 2915918	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63453	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63453	RunNo: 82261								
Prep Date: 10/21/2021	Analysis Date: 10/21/2021	SeqNo: 2915919	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Qualifiers:

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

QC SUMMARY REPORT

WO#: 2110736

Hall Environmental Analysis Laboratory, Inc.

26-Oct-21

Client: EOG
Project: Johnson BE Battery

Sample ID: LCS-63376	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63376	RunNo: 82184								
Prep Date: 10/18/2021	Analysis Date: 10/20/2021	SeqNo: 2914760	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	68.9	135			
Surr: DNOP	5.3		5.000		106	70	130			

Sample ID: LCS-63392	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63392	RunNo: 82184								
Prep Date: 10/19/2021	Analysis Date: 10/20/2021	SeqNo: 2914761	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	91.7	68.9	135			
Surr: DNOP	4.9		5.000		97.2	70	130			

Sample ID: MB-63376	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63376	RunNo: 82184								
Prep Date: 10/18/2021	Analysis Date: 10/20/2021	SeqNo: 2914764	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		101	70	130			

Sample ID: MB-63392	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63392	RunNo: 82184								
Prep Date: 10/19/2021	Analysis Date: 10/20/2021	SeqNo: 2914765	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		101	70	130			

Sample ID: LCS-63449	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63449	RunNo: 82184								
Prep Date: 10/20/2021	Analysis Date: 10/21/2021	SeqNo: 2916079	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.3		5.000		106	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110736

26-Oct-21

Client: EOG
Project: Johnson BE Battery

Sample ID: MB-63449	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63449	RunNo: 82184								
Prep Date: 10/20/2021	Analysis Date: 10/21/2021	SeqNo: 2916080	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		103	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110736

26-Oct-21

Client: EOG
Project: Johnson BE Battery

Sample ID: mb-63372	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63372	RunNo: 82234								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2915608	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		101	70	130			

Sample ID: ics-63372	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63372	RunNo: 82234								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2915609	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	114	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Sample ID: mb-63370	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63370	RunNo: 82267								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2916235	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	70	130			

Sample ID: ics-63370	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63370	RunNo: 82267								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2916236	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	5.0	25.00	0	123	78.6	131			
Surr: BFB	1300		1000		126	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110736

26-Oct-21

Client: EOG
Project: Johnson BE Battery

Sample ID: mb-63372	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63372	RunNo: 82234								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2915658	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		85.7	70	130			

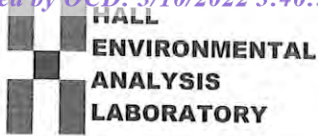
Sample ID: LCS-63372	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63372	RunNo: 82234								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2915659	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.8	80	120			
Toluene	0.92	0.050	1.000	0	91.6	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.7	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.2	70	130			

Sample ID: lcs-63370	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63370	RunNo: 82267								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2916349	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.4	80	120			
Toluene	0.89	0.050	1.000	0	89.0	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.5	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.6	70	130			

Sample ID: mb-63370	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63370	RunNo: 82267								
Prep Date: 10/18/2021	Analysis Date: 10/21/2021	SeqNo: 2916350	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		94.5	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2110736

RcptNo: 1

Received By: Cheyenne Cason 10/15/2021 7:20:00 AM

Cason

Completed By: Sean Livingston 10/15/2021 9:14:54 AM

Sean Livingston

Reviewed By: *KPG 10/15/21*

Chain of Custody

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

Log In

- 3. Was an attempt made to cool the samples? Yes No NA
- 4. Were all samples received at a temperature of >0° 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: *[Signature] 10.15.21*

Special Handling (if applicable)

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

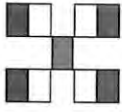
Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good				
2	5.6	Good				

10/28



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

Project Name: JOHNSTON BE BATTERY

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. KIERDORF / M. KENNEDY

On Ice: Yes No

of Coolers: 2 1.6-0 = 1.6

Cooler Temp (including CP): 5.6 - 0 = 5.6

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

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

Accreditation: Az Compliance Other

NELAC Other

EDD (Type) Excel

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
10/13/21	1213	SP2L	NB-1	1 x 4oz Jar	ICE	2110736	X	X	X
	1215		NB-2				X	X	X
	1218		NB-3				X	X	X
	1220		NB-4				X	X	X
	1224		NB-5				X	X	X
	1225		NB-5				X	X	X
	1230		NB-7				X	X	X
	1232		NB-8				X	X	X
	1234		NB-9				X	X	X
	1237		NB-10				X	X	X
	1307		NB-NV-1				X	X	X
	1310		NB-NV-2				X	X	X

Date: 10/14/21 0700

Date: 10/14/21 0700

Relinquished by: Will

Relinquished by: Will

Received by: Will Date: 10/14/21 700

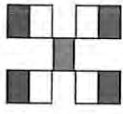
Received by: car courtier Date: 10/16/21 0720

Via: air courier

Via: air courier

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

Project Name: JOHNSON DE BATTERY

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. KIERDORF / N. KENNEDY

On Ice: Yes No

of Coolers: 1.6-0 = 1.6
Cooler Temp (including CF): 2-5.6-0 = 5.6

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

NEELAC Other

EDD (Type) Excel

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
10/13/21	13:13	Soil	NW-1	1 x 4oz Jar	Ice	013	X	X	X
	13:20		NW-2			014			
	14:16		B-1			015			
	14:20		B-2			014			
	14:23		B-3			017			
	14:26		B-4			018			
	14:29		B-5			019			
	14:32		B-6			020			
	14:36		B-7			021			
	14:38		B-8			022			
	14:40		B-9			023			
	14:44		B-10			024			

Remarks: Bill to EOG Artesia

Date: 10/14/21 07:00
Relinquished by: [Signature]

Date: 10/14/21 19:00
Relinquished by: [Signature]

Received by: [Signature] Date: 10/14/21 10:00
Via: [Signature]

Received by: [Signature] Date: 10/15/21 07:00
Via: [Signature]

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

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:

Standard Rush

Project Name: *JOHNSTON DE BARREY*

Project #: 5375

Project Manager: W. Kierdorf

Sampler:

On Ice: Yes No

of Coolers: *2 1.6 - 0 = 1.6*

Cooler Temp (including CF): *5.6 - 0 = 5.6*

Container Type and #

Preservative Type

HEAL No.

1 x 4oz JAR

ELC

025

SW-1

SW-2

026

SW-3

SW-4

027

SW-3

SW-4

028

SW-4

SW-4

029

Date: *10/14/21* Time: *17:00*

Relinquished by: *[Signature]*

Received by: *[Signature]* Date: *10/14/21* Time: *7:00*

Via: *Carrier* Date: *10/15/21* Time: *07:20*

Date: *10/14/21* Time: *19:00*

Relinquished by: *[Signature]*

Received by: *[Signature]* Date: *10/15/21* Time: *07:20*

Via: *Carrier* Date: *10/15/21* Time: *07:20*

Analysis Request

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

Remarks: Bill to EOG Artesia



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

December 21, 2021

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

RE: Johnston BE Battery

OrderNo.: 2110895

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 30 sample(s) on 10/20/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued October 27, 2021.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2110895

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-1

Project: Johnston BE Battery

Collection Date: 10/19/2021 7:47:00 AM

Lab ID: 2110895-001

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	680	60		mg/Kg	20	10/20/2021 9:20:27 PM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2021 3:56:49 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 3:56:49 PM	63427
Surr: DNOP	89.7	70-130		%Rec	1	10/20/2021 3:56:49 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 12:42:00 PM	R82187
Surr: BFB	103	70-130		%Rec	1	10/20/2021 12:42:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 12:42:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 12:42:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 12:42:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 12:42:00 PM	R82187
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	10/20/2021 12:42:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-2

Project: Johnston BE Battery

Collection Date: 10/19/2021 7:50:00 AM

Lab ID: 2110895-002

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	960	60		mg/Kg	20	10/20/2021 9:32:52 PM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 5:09:48 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 5:09:48 PM	63427
Surr: DNOP	74.9	70-130		%Rec	1	10/20/2021 5:09:48 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 1:02:00 PM	R82187
Surr: BFB	105	70-130		%Rec	1	10/20/2021 1:02:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 1:02:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 1:02:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 1:02:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 1:02:00 PM	R82187
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	10/20/2021 1:02:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-3

Project: Johnston BE Battery

Collection Date: 10/19/2021 7:52:00 AM

Lab ID: 2110895-003

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	530	60		mg/Kg	20	10/20/2021 10:10:06 PM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 5:34:05 PM	63427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 5:34:05 PM	63427
Surr: DNOP	90.9	70-130		%Rec	1	10/20/2021 5:34:05 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 3:18:00 PM	R82187
Surr: BFB	102	70-130		%Rec	1	10/20/2021 3:18:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 3:18:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 3:18:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 3:18:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 3:18:00 PM	R82187
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	10/20/2021 3:18:00 PM	R82187

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

CLIENT: EOG

Client Sample ID: CS-4

Project: Johnston BE Battery

Collection Date: 10/19/2021 7:55:00 AM

Lab ID: 2110895-004

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	580	60		mg/Kg	20	10/20/2021 10:22:30 PM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2021 5:58:31 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 5:58:31 PM	63427
Surr: DNOP	85.9	70-130		%Rec	1	10/20/2021 5:58:31 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 3:38:00 PM	R82187
Surr: BFB	106	70-130		%Rec	1	10/20/2021 3:38:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 3:38:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 3:38:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 3:38:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 3:38:00 PM	R82187
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	10/20/2021 3:38:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-5

Project: Johnston BE Battery

Collection Date: 10/19/2021 7:59:00 AM

Lab ID: 2110895-005

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	980	60		mg/Kg	20	10/20/2021 10:59:45 PM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 6:22:46 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 6:22:46 PM	63427
Surr: DNOP	87.1	70-130		%Rec	1	10/20/2021 6:22:46 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 3:57:00 PM	R82187
Surr: BFB	101	70-130		%Rec	1	10/20/2021 3:57:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 3:57:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 3:57:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 3:57:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 3:57:00 PM	R82187
Surr: 4-Bromofluorobenzene	82.2	70-130		%Rec	1	10/20/2021 3:57:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-6

Project: Johnston BE Battery

Collection Date: 10/19/2021 8:03:00 AM

Lab ID: 2110895-006

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1300	60		mg/Kg	20	10/20/2021 11:37:00 PM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 6:47:04 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 6:47:04 PM	63427
Surr: DNOP	73.8	70-130		%Rec	1	10/20/2021 6:47:04 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 4:17:00 PM	R82187
Surr: BFB	108	70-130		%Rec	1	10/20/2021 4:17:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 4:17:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 4:17:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 4:17:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 4:17:00 PM	R82187
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	10/20/2021 4:17:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-7

Project: Johnston BE Battery

Collection Date: 10/19/2021 8:40:00 AM

Lab ID: 2110895-007

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	690	59		mg/Kg	20	10/20/2021 11:49:24 PM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 7:11:20 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 7:11:20 PM	63427
Surr: DNOP	74.3	70-130		%Rec	1	10/20/2021 7:11:20 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 4:36:00 PM	R82187
Surr: BFB	104	70-130		%Rec	1	10/20/2021 4:36:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 4:36:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 4:36:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 4:36:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 4:36:00 PM	R82187
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	10/20/2021 4:36:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-8

Project: Johnston BE Battery

Collection Date: 10/19/2021 8:42:00 AM

Lab ID: 2110895-008

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2600	150		mg/Kg	50	10/21/2021 8:45:32 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/20/2021 7:35:39 PM	63427
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 7:35:39 PM	63427
Surr: DNOP	72.4	70-130		%Rec	1	10/20/2021 7:35:39 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 4:56:00 PM	R82187
Surr: BFB	104	70-130		%Rec	1	10/20/2021 4:56:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 4:56:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 4:56:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 4:56:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 4:56:00 PM	R82187
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	10/20/2021 4:56:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-9

Project: Johnston BE Battery

Collection Date: 10/19/2021 8:45:00 AM

Lab ID: 2110895-009

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1500	60		mg/Kg	20	10/21/2021 12:39:02 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 7:59:51 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 7:59:51 PM	63427
Surr: DNOP	66.3	70-130	S	%Rec	1	10/20/2021 7:59:51 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 5:15:00 PM	R82187
Surr: BFB	103	70-130		%Rec	1	10/20/2021 5:15:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 5:15:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 5:15:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 5:15:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 5:15:00 PM	R82187
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	10/20/2021 5:15:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-10

Project: Johnston BE Battery

Collection Date: 10/19/2021 8:47:00 AM

Lab ID: 2110895-010

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	450	60		mg/Kg	20	10/21/2021 12:51:27 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 8:24:20 PM	63427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 8:24:20 PM	63427
Surr: DNOP	72.6	70-130		%Rec	1	10/20/2021 8:24:20 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 5:35:00 PM	R82187
Surr: BFB	102	70-130		%Rec	1	10/20/2021 5:35:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 5:35:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 5:35:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 5:35:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 5:35:00 PM	R82187
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	10/20/2021 5:35:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-11

Project: Johnston BE Battery

Collection Date: 10/19/2021 8:51:00 AM

Lab ID: 2110895-011

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	100	59		mg/Kg	20	10/21/2021 1:03:51 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 8:48:36 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 8:48:36 PM	63427
Surr: DNOP	56.5	70-130	S	%Rec	1	10/20/2021 8:48:36 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 5:54:00 PM	R82187
Surr: BFB	107	70-130		%Rec	1	10/20/2021 5:54:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 5:54:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 5:54:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 5:54:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 5:54:00 PM	R82187
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	10/20/2021 5:54:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-12

Project: Johnston BE Battery

Collection Date: 10/19/2021 8:54:00 AM

Lab ID: 2110895-012

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/21/2021 1:16:15 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/20/2021 9:13:00 PM	63427
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 9:13:00 PM	63427
Surr: DNOP	59.8	70-130	S	%Rec	1	10/20/2021 9:13:00 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 6:14:00 PM	R82187
Surr: BFB	106	70-130		%Rec	1	10/20/2021 6:14:00 PM	R82187
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 6:14:00 PM	R82187
Toluene	ND	0.050		mg/Kg	1	10/20/2021 6:14:00 PM	R82187
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 6:14:00 PM	R82187
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 6:14:00 PM	R82187
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	10/20/2021 6:14:00 PM	R82187

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-13

Project: Johnston BE Battery

Collection Date: 10/19/2021 9:20:00 AM

Lab ID: 2110895-013

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	150	60		mg/Kg	20	10/21/2021 1:28:40 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2021 9:37:11 PM	63427
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 9:37:11 PM	63427
Surr: DNOP	71.3	70-130		%Rec	1	10/20/2021 9:37:11 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 8:56:48 PM	G82206
Surr: BFB	106	70-130		%Rec	1	10/20/2021 8:56:48 PM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/20/2021 8:56:48 PM	R82206
Toluene	ND	0.050		mg/Kg	1	10/20/2021 8:56:48 PM	R82206
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 8:56:48 PM	R82206
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 8:56:48 PM	R82206
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	10/20/2021 8:56:48 PM	R82206

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

CLIENT: EOG

Client Sample ID: CS-14

Project: Johnston BE Battery

Collection Date: 10/19/2021 9:23:00 AM

Lab ID: 2110895-014

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	70	60		mg/Kg	20	10/21/2021 1:41:06 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/20/2021 10:25:43 PM	63427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 10:25:43 PM	63427
Surr: DNOP	53.6	70-130	S	%Rec	1	10/20/2021 10:25:43 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.2		mg/Kg	1	10/20/2021 9:20:10 PM	G82206
Surr: BFB	108	70-130		%Rec	1	10/20/2021 9:20:10 PM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.026		mg/Kg	1	10/20/2021 9:20:10 PM	R82206
Toluene	ND	0.052		mg/Kg	1	10/20/2021 9:20:10 PM	R82206
Ethylbenzene	ND	0.052		mg/Kg	1	10/20/2021 9:20:10 PM	R82206
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 9:20:10 PM	R82206
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	10/20/2021 9:20:10 PM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-15

Project: Johnston BE Battery

Collection Date: 10/19/2021 9:27:00 AM

Lab ID: 2110895-015

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3000	150		mg/Kg	50	10/21/2021 8:57:57 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/20/2021 10:50:04 PM	63427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/20/2021 10:50:04 PM	63427
Surr: DNOP	58.9	70-130	S	%Rec	1	10/20/2021 10:50:04 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.3		mg/Kg	1	10/20/2021 9:43:28 PM	G82206
Surr: BFB	110	70-130		%Rec	1	10/20/2021 9:43:28 PM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.032		mg/Kg	1	10/20/2021 9:43:28 PM	R82206
Toluene	ND	0.063		mg/Kg	1	10/20/2021 9:43:28 PM	R82206
Ethylbenzene	ND	0.063		mg/Kg	1	10/20/2021 9:43:28 PM	R82206
Xylenes, Total	ND	0.13		mg/Kg	1	10/20/2021 9:43:28 PM	R82206
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	10/20/2021 9:43:28 PM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-16

Project: Johnston BE Battery

Collection Date: 10/19/2021 9:30:00 AM

Lab ID: 2110895-016

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	61	59		mg/Kg	20	10/21/2021 2:05:55 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/20/2021 11:14:15 PM	63427
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2021 11:14:15 PM	63427
Surr: DNOP	57.7	70-130	S	%Rec	1	10/20/2021 11:14:15 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/20/2021 10:06:55 PM	G82206
Surr: BFB	110	70-130		%Rec	1	10/20/2021 10:06:55 PM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/20/2021 10:06:55 PM	R82206
Toluene	ND	0.047		mg/Kg	1	10/20/2021 10:06:55 PM	R82206
Ethylbenzene	ND	0.047		mg/Kg	1	10/20/2021 10:06:55 PM	R82206
Xylenes, Total	ND	0.095		mg/Kg	1	10/20/2021 10:06:55 PM	R82206
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	10/20/2021 10:06:55 PM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-17

Project: Johnston BE Battery

Collection Date: 10/19/2021 9:33:00 AM

Lab ID: 2110895-017

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/21/2021 2:18:20 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2021 11:38:31 PM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2021 11:38:31 PM	63427
Surr: DNOP	55.2	70-130	S	%Rec	1	10/20/2021 11:38:31 PM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.8		mg/Kg	1	10/20/2021 11:17:17 PM	G82206
Surr: BFB	106	70-130		%Rec	1	10/20/2021 11:17:17 PM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.029		mg/Kg	1	10/20/2021 11:17:17 PM	R82206
Toluene	ND	0.058		mg/Kg	1	10/20/2021 11:17:17 PM	R82206
Ethylbenzene	ND	0.058		mg/Kg	1	10/20/2021 11:17:17 PM	R82206
Xylenes, Total	ND	0.12		mg/Kg	1	10/20/2021 11:17:17 PM	R82206
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	10/20/2021 11:17:17 PM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-18

Project: Johnston BE Battery

Collection Date: 10/19/2021 9:37:00 AM

Lab ID: 2110895-018

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1100	60		mg/Kg	20	10/21/2021 2:30:45 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/21/2021 12:02:39 AM	63427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2021 12:02:39 AM	63427
Surr: DNOP	56.7	70-130	S	%Rec	1	10/21/2021 12:02:39 AM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	10/20/2021 11:40:33 PM	G82206
Surr: BFB	108	70-130		%Rec	1	10/20/2021 11:40:33 PM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	10/20/2021 11:40:33 PM	R82206
Toluene	ND	0.036		mg/Kg	1	10/20/2021 11:40:33 PM	R82206
Ethylbenzene	ND	0.036		mg/Kg	1	10/20/2021 11:40:33 PM	R82206
Xylenes, Total	ND	0.072		mg/Kg	1	10/20/2021 11:40:33 PM	R82206
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	10/20/2021 11:40:33 PM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-19

Project: Johnston BE Battery

Collection Date: 10/19/2021 10:03:00 AM

Lab ID: 2110895-019

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	710	61		mg/Kg	20	10/21/2021 3:08:00 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/21/2021 12:26:55 AM	63427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/21/2021 12:26:55 AM	63427
Surr: DNOP	44.5	70-130	S	%Rec	1	10/21/2021 12:26:55 AM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/21/2021 12:04:01 AM	G82206
Surr: BFB	104	70-130		%Rec	1	10/21/2021 12:04:01 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/21/2021 12:04:01 AM	R82206
Toluene	ND	0.046		mg/Kg	1	10/21/2021 12:04:01 AM	R82206
Ethylbenzene	ND	0.046		mg/Kg	1	10/21/2021 12:04:01 AM	R82206
Xylenes, Total	ND	0.092		mg/Kg	1	10/21/2021 12:04:01 AM	R82206
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	10/21/2021 12:04:01 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-20

Project: Johnston BE Battery

Collection Date: 10/19/2021 10:06:00 AM

Lab ID: 2110895-020

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1900	60		mg/Kg	20	10/21/2021 3:20:24 AM	63436
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/21/2021 12:51:02 AM	63427
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2021 12:51:02 AM	63427
Surr: DNOP	62.1	70-130	S	%Rec	1	10/21/2021 12:51:02 AM	63427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	10/21/2021 12:27:29 AM	G82206
Surr: BFB	104	70-130		%Rec	1	10/21/2021 12:27:29 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	10/21/2021 12:27:29 AM	R82206
Toluene	ND	0.036		mg/Kg	1	10/21/2021 12:27:29 AM	R82206
Ethylbenzene	ND	0.036		mg/Kg	1	10/21/2021 12:27:29 AM	R82206
Xylenes, Total	ND	0.072		mg/Kg	1	10/21/2021 12:27:29 AM	R82206
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	10/21/2021 12:27:29 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-21

Project: Johnston BE Battery

Collection Date: 10/19/2021 10:08:00 AM

Lab ID: 2110895-021

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	340	60		mg/Kg	20	10/21/2021 3:57:39 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/21/2021 1:15:10 AM	63425
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2021 1:15:10 AM	63425
Surr: DNOP	49.6	70-130	S	%Rec	1	10/21/2021 1:15:10 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	10/21/2021 12:50:52 AM	G82206
Surr: BFB	108	70-130		%Rec	1	10/21/2021 12:50:52 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/21/2021 12:50:52 AM	R82206
Toluene	ND	0.045		mg/Kg	1	10/21/2021 12:50:52 AM	R82206
Ethylbenzene	ND	0.045		mg/Kg	1	10/21/2021 12:50:52 AM	R82206
Xylenes, Total	ND	0.091		mg/Kg	1	10/21/2021 12:50:52 AM	R82206
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	10/21/2021 12:50:52 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-22

Project: Johnston BE Battery

Collection Date: 10/19/2021 10:12:00 AM

Lab ID: 2110895-022

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	250	60		mg/Kg	20	10/21/2021 4:10:03 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/21/2021 1:39:17 AM	63425
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/21/2021 1:39:17 AM	63425
Surr: DNOP	59.3	70-130	S	%Rec	1	10/21/2021 1:39:17 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.3		mg/Kg	1	10/21/2021 1:14:22 AM	G82206
Surr: BFB	104	70-130		%Rec	1	10/21/2021 1:14:22 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.027		mg/Kg	1	10/21/2021 1:14:22 AM	R82206
Toluene	ND	0.053		mg/Kg	1	10/21/2021 1:14:22 AM	R82206
Ethylbenzene	ND	0.053		mg/Kg	1	10/21/2021 1:14:22 AM	R82206
Xylenes, Total	ND	0.11		mg/Kg	1	10/21/2021 1:14:22 AM	R82206
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	10/21/2021 1:14:22 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-23

Project: Johnston BE Battery

Collection Date: 10/19/2021 10:16:00 AM

Lab ID: 2110895-023

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	140	60		mg/Kg	20	10/21/2021 4:22:28 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/21/2021 2:03:29 AM	63425
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2021 2:03:29 AM	63425
Surr: DNOP	59.0	70-130	S	%Rec	1	10/21/2021 2:03:29 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	10/21/2021 1:37:53 AM	G82206
Surr: BFB	107	70-130		%Rec	1	10/21/2021 1:37:53 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	10/21/2021 1:37:53 AM	R82206
Toluene	ND	0.036		mg/Kg	1	10/21/2021 1:37:53 AM	R82206
Ethylbenzene	ND	0.036		mg/Kg	1	10/21/2021 1:37:53 AM	R82206
Xylenes, Total	ND	0.073		mg/Kg	1	10/21/2021 1:37:53 AM	R82206
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	10/21/2021 1:37:53 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-1

Project: Johnston BE Battery

Collection Date: 10/19/2021 10:21:00 AM

Lab ID: 2110895-024

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	76	59		mg/Kg	20	10/21/2021 4:34:52 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/21/2021 2:27:38 AM	63425
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/21/2021 2:27:38 AM	63425
Surr: DNOP	46.4	70-130	S	%Rec	1	10/21/2021 2:27:38 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.2		mg/Kg	1	10/21/2021 2:01:12 AM	G82206
Surr: BFB	108	70-130		%Rec	1	10/21/2021 2:01:12 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.026		mg/Kg	1	10/21/2021 2:01:12 AM	R82206
Toluene	ND	0.052		mg/Kg	1	10/21/2021 2:01:12 AM	R82206
Ethylbenzene	ND	0.052		mg/Kg	1	10/21/2021 2:01:12 AM	R82206
Xylenes, Total	ND	0.10		mg/Kg	1	10/21/2021 2:01:12 AM	R82206
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	10/21/2021 2:01:12 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-2

Project: Johnston BE Battery

Collection Date: 10/19/2021 10:24:00 AM

Lab ID: 2110895-025

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1100	59		mg/Kg	20	10/21/2021 4:47:16 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/21/2021 2:51:47 AM	63425
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2021 2:51:47 AM	63425
Surr: DNOP	54.2	70-130	S	%Rec	1	10/21/2021 2:51:47 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	10/21/2021 2:24:35 AM	G82206
Surr: BFB	106	70-130		%Rec	1	10/21/2021 2:24:35 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	10/21/2021 2:24:35 AM	R82206
Toluene	ND	0.039		mg/Kg	1	10/21/2021 2:24:35 AM	R82206
Ethylbenzene	ND	0.039		mg/Kg	1	10/21/2021 2:24:35 AM	R82206
Xylenes, Total	ND	0.079		mg/Kg	1	10/21/2021 2:24:35 AM	R82206
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	10/21/2021 2:24:35 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WF-1

Project: Johnston BE Battery

Collection Date: 10/19/2021 11:03:00 AM

Lab ID: 2110895-026

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	730	60		mg/Kg	20	10/21/2021 4:59:41 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/21/2021 3:15:52 AM	63425
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/21/2021 3:15:52 AM	63425
Surr: DNOP	35.9	70-130	S	%Rec	1	10/21/2021 3:15:52 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.8		mg/Kg	1	10/21/2021 2:48:00 AM	G82206
Surr: BFB	107	70-130		%Rec	1	10/21/2021 2:48:00 AM	G82206
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.029		mg/Kg	1	10/21/2021 2:48:00 AM	R82206
Toluene	ND	0.058		mg/Kg	1	10/21/2021 2:48:00 AM	R82206
Ethylbenzene	ND	0.058		mg/Kg	1	10/21/2021 2:48:00 AM	R82206
Xylenes, Total	ND	0.12		mg/Kg	1	10/21/2021 2:48:00 AM	R82206
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	10/21/2021 2:48:00 AM	R82206

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WF-2

Project: Johnston BE Battery

Collection Date: 10/19/2021 11:07:00 AM

Lab ID: 2110895-027

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/21/2021 9:35:11 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/21/2021 3:39:56 AM	63425
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2021 3:39:56 AM	63425
Surr: DNOP	43.5	70-130	S	%Rec	1	10/21/2021 3:39:56 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/21/2021 9:52:48 AM	B82234
Surr: BFB	111	70-130		%Rec	1	10/21/2021 9:52:48 AM	B82234
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.028		mg/Kg	1	10/21/2021 9:52:48 AM	D82234
Toluene	ND	0.055		mg/Kg	1	10/21/2021 9:52:48 AM	D82234
Ethylbenzene	ND	0.055		mg/Kg	1	10/21/2021 9:52:48 AM	D82234
Xylenes, Total	ND	0.11		mg/Kg	1	10/21/2021 9:52:48 AM	D82234
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	10/21/2021 9:52:48 AM	D82234

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-1*

Project: Johnston BE Battery

Collection Date: 10/19/2021 11:12:00 AM

Lab ID: 2110895-028

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1100	59		mg/Kg	20	10/21/2021 9:47:35 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/21/2021 4:03:56 AM	63425
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2021 4:03:56 AM	63425
Surr: DNOP	40.3	70-130	S	%Rec	1	10/21/2021 4:03:56 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.2		mg/Kg	1	10/21/2021 10:16:12 AM	B82234
Surr: BFB	108	70-130		%Rec	1	10/21/2021 10:16:12 AM	B82234
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.031		mg/Kg	1	10/21/2021 10:16:12 AM	D82234
Toluene	ND	0.062		mg/Kg	1	10/21/2021 10:16:12 AM	D82234
Ethylbenzene	ND	0.062		mg/Kg	1	10/21/2021 10:16:12 AM	D82234
Xylenes, Total	ND	0.12		mg/Kg	1	10/21/2021 10:16:12 AM	D82234
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	10/21/2021 10:16:12 AM	D82234

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-2*

Project: Johnston BE Battery

Collection Date: 10/19/2021 11:17:00 AM

Lab ID: 2110895-029

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/21/2021 10:00:00 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/21/2021 4:28:10 AM	63425
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2021 4:28:10 AM	63425
Surr: DNOP	37.2	70-130	S	%Rec	1	10/21/2021 4:28:10 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	10/21/2021 10:39:48 AM	B82234
Surr: BFB	107	70-130		%Rec	1	10/21/2021 10:39:48 AM	B82234
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	10/21/2021 10:39:48 AM	D82234
Toluene	ND	0.043		mg/Kg	1	10/21/2021 10:39:48 AM	D82234
Ethylbenzene	ND	0.043		mg/Kg	1	10/21/2021 10:39:48 AM	D82234
Xylenes, Total	ND	0.085		mg/Kg	1	10/21/2021 10:39:48 AM	D82234
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	10/21/2021 10:39:48 AM	D82234

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

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

Analytical Report

Lab Order **2110895**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-3*

Project: Johnston BE Battery

Collection Date: 10/19/2021 11:21:00 AM

Lab ID: 2110895-030

Matrix: MEOH (SOIL)

Received Date: 10/20/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/21/2021 10:12:24 AM	63448
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/21/2021 4:52:11 AM	63425
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/21/2021 4:52:11 AM	63425
Surr: DNOP	34.2	70-130	S	%Rec	1	10/21/2021 4:52:11 AM	63425
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2021 11:03:20 AM	B82234
Surr: BFB	110	70-130		%Rec	1	10/21/2021 11:03:20 AM	B82234
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/21/2021 11:03:20 AM	D82234
Toluene	ND	0.049		mg/Kg	1	10/21/2021 11:03:20 AM	D82234
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2021 11:03:20 AM	D82234
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2021 11:03:20 AM	D82234
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	10/21/2021 11:03:20 AM	D82234

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110895

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-63436	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63436	RunNo: 82180								
Prep Date: 10/20/2021	Analysis Date: 10/20/2021	SeqNo: 2913902	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63436	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63436	RunNo: 82180								
Prep Date: 10/20/2021	Analysis Date: 10/20/2021	SeqNo: 2913903	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			

Sample ID: MB-63448	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63448	RunNo: 82180								
Prep Date: 10/20/2021	Analysis Date: 10/21/2021	SeqNo: 2913934	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63448	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63448	RunNo: 82180								
Prep Date: 10/20/2021	Analysis Date: 10/21/2021	SeqNo: 2913935	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110895

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-63425	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63425	RunNo: 82185								
Prep Date: 10/20/2021	Analysis Date: 10/20/2021	SeqNo: 2913065	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	9.5		10.00		94.7	70	130			

Sample ID: LCS-63425	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63425	RunNo: 82185								
Prep Date: 10/20/2021	Analysis Date: 10/20/2021	SeqNo: 2913066	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	95.1	68.9	135			
Surr: DNOP	4.7		5.000		93.7	70	130			

Sample ID: LCS-63427	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63427	RunNo: 82208								
Prep Date: 10/20/2021	Analysis Date: 10/20/2021	SeqNo: 2913796	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	135			
Surr: DNOP	4.3		5.000		85.5	70	130			

Sample ID: MB-63427	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63427	RunNo: 82208								
Prep Date: 10/20/2021	Analysis Date: 10/20/2021	SeqNo: 2913797	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	8.9		10.00		89.4	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110895

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: G82206		RunNo: 82206							
Prep Date:	Analysis Date: 10/20/2021		SeqNo: 2913611		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.0	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: G82206		RunNo: 82206							
Prep Date:	Analysis Date: 10/20/2021		SeqNo: 2913612		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	115	78.6	131			
Surr: BFB	1200		1000		119	70	130			

Sample ID: MB	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: R82187		RunNo: 82187							
Prep Date:	Analysis Date: 10/20/2021		SeqNo: 2913954		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	70	130			

Sample ID: 2.5ug gro LCS	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: R82187		RunNo: 82187							
Prep Date:	Analysis Date: 10/20/2021		SeqNo: 2913956		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	111	78.6	131			
Surr: BFB	1200		1000		120	70	130			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: B82234		RunNo: 82234							
Prep Date:	Analysis Date: 10/21/2021		SeqNo: 2915594		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	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: B82234		RunNo: 82234							
Prep Date:	Analysis Date: 10/21/2021		SeqNo: 2915595		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110895

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: B82234	RunNo: 82234								
Prep Date:	Analysis Date: 10/21/2021	SeqNo: 2915595	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110895

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: R82206	RunNo: 82206								
Prep Date:	Analysis Date: 10/20/2021	SeqNo: 2913658			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		84.3	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: R82206	RunNo: 82206								
Prep Date:	Analysis Date: 10/20/2021	SeqNo: 2913659			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.1	0.050	1.000	0	106	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.0	70	130			

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: R82187	RunNo: 82187								
Prep Date:	Analysis Date: 10/20/2021	SeqNo: 2914002			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		91.1	70	130			

Sample ID: 100ng btex LCS	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: R82187	RunNo: 82187								
Prep Date:	Analysis Date: 10/20/2021	SeqNo: 2914004			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	0.95	0.050	1.000	0	94.7	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.3	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.6	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.9	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110895

21-Dec-21

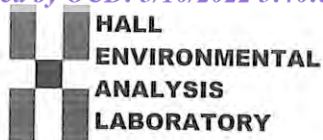
Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: D82234	RunNo: 82234								
Prep Date:	Analysis Date: 10/21/2021	SeqNo: 2915642	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		88.1	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: D82234	RunNo: 82234								
Prep Date:	Analysis Date: 10/21/2021	SeqNo: 2915643	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	99.5	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.3	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.7	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2110895

RcptNo: 1

Received By: Cheyenne Cason 10/20/2021 7:20:00 AM

Handwritten signature

Completed By: Cheyenne Cason 10/20/2021 7:44:37 AM

Handwritten signature

Reviewed By: DAD 10/20/21

Chain of Custody

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

Log In

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

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

Checked by: JA 10-20-21

JR 10-20-21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

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

Chain-of-Custody Record

Client: Eog-Artesia

Mailing Address: _____

Phone #: _____

email or Fax#: _____

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

Accreditation: Az Compliance Other

NELAC Other

EDD (Type) _____

Turn-Around Time: Standard Rush

Project Name: Johnston BE Battery

Project #: 5375

Project Manager: Will Kierdorf

Sampler: Will Kennedy

On Ice: Yes No

of Coolers: 2 3.1+0.1=3.2

Cooler Temp (including CF): 6.7+0.1=6.8 (°C)

Container Type and # 14oz Jar

Preservative Type Ice

HEAL No. 2110895

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
10/19/21	0747	Soil	CS-1	14oz Jar	Ice	001
	0750		CS-2			002
	0752		CS-3			003
	0755		CS-4			004
	0759		CS-5			005
	0803		CS-6			006
	0810		CS-7			005 007
	0812		CS-8			008
	0815		CS-9			009
	0817		CS-10			010
	0819		CS-11			011
	0821		CS-12			012

Relinquished by: W. Kennedy

Relinquished by: [Signature]

Date: 10/19/21 1210

Date: 10/19/21 1900

Received by: [Signature]

Received by: Care Garcia

Date: 10/19/21 1810

Date: 10/20/21 0720



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

BTEX / MTBE / TMB's (8021)	X
TPH:8015D(GRO / DRO / MRO)	X
8081 Pesticides/8082 PCB's	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	

Remarks:

Chain-of-Custody Record

Client: Eob. Artesia

Turn-Around Time: 24-hr

Standard Rush

Project Name: Johnson BE Battery

Project #: 5375

Project Manager: Will Kierdorf

Sampler: Will Kennedy

On Ice: Yes No

of Coolers: 2 $3.1 \pm 0.1 = 3.2$

Cooler Temp (including CF): 6.7 ± 0.1 = 6.8 (°C)

QA/QC Package: Level 4 (Full Validation)

Accreditation: AZ Compliance Other

RELAC Other

EDD (Type): _____

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
10/11/21	0920	Soil	CS-13	14oz Tac Ice	Ice	2110895
	0923		CS-14			013
	0927		CS-15			014
	0930		CS-16			015
	0933		CS-17			016
	0937		CS-18			017
	1003		CS-19			018
	1006		CS-20			019
	1008		CS-21			020
	1012		CS-22			021
	1016		CS-23			022
	1021		SW-1			023
						024

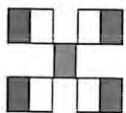
Received by: W. Kennedy Date: 10/11/21 Time: 1210

Relinquished by: W. Kennedy

Received by: Will Kennedy Date: 10/19/21 Time: 1900

Relinquished by: Will Kennedy

Remarks: one case 15/20/21 0720



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

<input checked="" type="checkbox"/>	BTEX / MTBE / TMB's (8021)
<input checked="" type="checkbox"/>	TPH:8015D(GRO / DRO / MRO)
<input type="checkbox"/>	8081 Pesticides/8082 PCB's
<input type="checkbox"/>	EDB (Method 504.1)
<input type="checkbox"/>	PAHs by 8310 or 8270SIMS
<input type="checkbox"/>	RCRA 8 Metals
<input type="checkbox"/>	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄
<input type="checkbox"/>	8260 (VOA)
<input type="checkbox"/>	8270 (Semi-VOA)
<input type="checkbox"/>	Total Coliform (Present/Absent)

Chain-of-Custody Record

Client: E06-Artesia

Mailing Address: _____

Phone #: _____

email or Fax#: _____

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

Accreditation: Az Compliance NELAC Other

EDD (Type) _____

Turn-Around Time: _____

Standard Rush

Project Name: Jonathan BE Buttery

Project #: 5375

Project Manager: Will Kierdorf

Sampler: Will Kennedy

On Ice: Yes No

of Coolers: 3-2-3 $3.1 \pm 0.1 = 3.2$

Cooler Temp (including CF): 6.7 $\pm 0.1 = 6.8$ (°C)



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TFH:8015D(GRO / DRO / MRO)	X																		
8081 Pesticides/8082 PCB's																			
EDB (Method 504.1)																			
PAHs by 8310 or 8270SIMS																			
RCRA 8 Metals																			
Cl, F, Br, NO ₂ , NO ₃ , PO ₄ , SO ₄																			
8260 (VOA)																			
8270 (Semi-VOA)																			
Total Coliform (Present/Absent)																			

Container Type and #	Preservative Type	HEAL No.
1462-100 Ice		2110895
		025
		026
		027
		028
		029
		030

Received by: Will Kennedy Date: 10/19/21 Time: 1210

Received by: _____ Date: _____ Time: _____

Via: Car Date: 10/20/21 Time: 0720

Relinquished by: W. Kennedy Date: 10/19/21 Time: 1210

Relinquished by: Will Kennedy Date: 10/19/21 Time: 1900



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

November 05, 2021

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

RE: Johnston BE Battery

OrderNo.: 2111218

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 18 sample(s) on 11/4/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-1/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 8:05:00 AM

Lab ID: 2111218-001

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	240	61		mg/Kg	20	11/5/2021 2:37:14 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/4/2021 9:04:26 PM	63769
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/4/2021 9:04:26 PM	63769
Surr: DNOP	86.9	70-130		%Rec	1	11/4/2021 9:04:26 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.4		mg/Kg	1	11/4/2021 9:35:09 AM	B82607
Surr: BFB	96.2	70-130		%Rec	1	11/4/2021 9:35:09 AM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.032		mg/Kg	1	11/4/2021 9:35:09 AM	D82607
Toluene	ND	0.064		mg/Kg	1	11/4/2021 9:35:09 AM	D82607
Ethylbenzene	ND	0.064		mg/Kg	1	11/4/2021 9:35:09 AM	D82607
Xylenes, Total	ND	0.13		mg/Kg	1	11/4/2021 9:35:09 AM	D82607
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	11/4/2021 9:35:09 AM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-2/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 8:09:00 AM

Lab ID: 2111218-002

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	360	60		mg/Kg	20	11/5/2021 2:49:39 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	100	9.7		mg/Kg	1	11/4/2021 9:28:40 PM	63769
Motor Oil Range Organics (MRO)	230	48		mg/Kg	1	11/4/2021 9:28:40 PM	63769
Surr: DNOP	89.5	70-130		%Rec	1	11/4/2021 9:28:40 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	16		mg/Kg	5	11/4/2021 10:45:06 AM	B82607
Surr: BFB	97.5	70-130		%Rec	5	11/4/2021 10:45:06 AM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.082		mg/Kg	5	11/4/2021 10:45:06 AM	D82607
Toluene	ND	0.16		mg/Kg	5	11/4/2021 10:45:06 AM	D82607
Ethylbenzene	ND	0.16		mg/Kg	5	11/4/2021 10:45:06 AM	D82607
Xylenes, Total	ND	0.33		mg/Kg	5	11/4/2021 10:45:06 AM	D82607
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	5	11/4/2021 10:45:06 AM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-5/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 8:14:00 AM

Lab ID: 2111218-003

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	220	60		mg/Kg	20	11/5/2021 3:02:03 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/4/2021 8:40:05 PM	63769
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/4/2021 8:40:05 PM	63769
Surr: DNOP	89.0	70-130		%Rec	1	11/4/2021 8:40:05 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	11/4/2021 11:55:47 AM	B82607
Surr: BFB	101	70-130		%Rec	1	11/4/2021 11:55:47 AM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	11/4/2021 11:55:47 AM	D82607
Toluene	ND	0.033		mg/Kg	1	11/4/2021 11:55:47 AM	D82607
Ethylbenzene	ND	0.033		mg/Kg	1	11/4/2021 11:55:47 AM	D82607
Xylenes, Total	ND	0.065		mg/Kg	1	11/4/2021 11:55:47 AM	D82607
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/4/2021 11:55:47 AM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-6/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 8:19:00 AM

Lab ID: 2111218-004

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	240	60		mg/Kg	20	11/5/2021 3:14:28 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/4/2021 9:53:01 PM	63769
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/4/2021 9:53:01 PM	63769
Surr: DNOP	90.5	70-130		%Rec	1	11/4/2021 9:53:01 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	11/4/2021 12:19:20 PM	B82607
Surr: BFB	100	70-130		%Rec	1	11/4/2021 12:19:20 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	11/4/2021 12:19:20 PM	D82607
Toluene	ND	0.033		mg/Kg	1	11/4/2021 12:19:20 PM	D82607
Ethylbenzene	ND	0.033		mg/Kg	1	11/4/2021 12:19:20 PM	D82607
Xylenes, Total	ND	0.065		mg/Kg	1	11/4/2021 12:19:20 PM	D82607
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	11/4/2021 12:19:20 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-7/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 8:22:00 AM

Lab ID: 2111218-005

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/5/2021 3:26:53 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/4/2021 10:17:24 PM	63769
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/4/2021 10:17:24 PM	63769
Surr: DNOP	90.1	70-130		%Rec	1	11/4/2021 10:17:24 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	11/4/2021 12:43:05 PM	B82607
Surr: BFB	99.1	70-130		%Rec	1	11/4/2021 12:43:05 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.015		mg/Kg	1	11/4/2021 12:43:05 PM	D82607
Toluene	ND	0.030		mg/Kg	1	11/4/2021 12:43:05 PM	D82607
Ethylbenzene	ND	0.030		mg/Kg	1	11/4/2021 12:43:05 PM	D82607
Xylenes, Total	ND	0.059		mg/Kg	1	11/4/2021 12:43:05 PM	D82607
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	11/4/2021 12:43:05 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-8/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 8:26:00 AM

Lab ID: 2111218-006

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	200	60		mg/Kg	20	11/5/2021 3:39:18 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/4/2021 10:41:46 PM	63769
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/4/2021 10:41:46 PM	63769
Surr: DNOP	88.8	70-130		%Rec	1	11/4/2021 10:41:46 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	11/4/2021 1:06:39 PM	B82607
Surr: BFB	97.5	70-130		%Rec	1	11/4/2021 1:06:39 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	11/4/2021 1:06:39 PM	D82607
Toluene	ND	0.037		mg/Kg	1	11/4/2021 1:06:39 PM	D82607
Ethylbenzene	ND	0.037		mg/Kg	1	11/4/2021 1:06:39 PM	D82607
Xylenes, Total	ND	0.073		mg/Kg	1	11/4/2021 1:06:39 PM	D82607
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	11/4/2021 1:06:39 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-9/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 8:30:00 AM

Lab ID: 2111218-007

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	130	60		mg/Kg	20	11/5/2021 3:51:43 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/4/2021 11:06:16 PM	63769
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/4/2021 11:06:16 PM	63769
Surr: DNOP	90.4	70-130		%Rec	1	11/4/2021 11:06:16 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	11/4/2021 1:29:57 PM	B82607
Surr: BFB	99.7	70-130		%Rec	1	11/4/2021 1:29:57 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	11/4/2021 1:29:57 PM	D82607
Toluene	ND	0.034		mg/Kg	1	11/4/2021 1:29:57 PM	D82607
Ethylbenzene	ND	0.034		mg/Kg	1	11/4/2021 1:29:57 PM	D82607
Xylenes, Total	ND	0.069		mg/Kg	1	11/4/2021 1:29:57 PM	D82607
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	11/4/2021 1:29:57 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-15/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 9:01:00 AM

Lab ID: 2111218-008

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	170	60		mg/Kg	20	11/5/2021 4:04:08 AM	63762
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/4/2021 11:54:55 PM	63769
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/4/2021 11:54:55 PM	63769
Surr: DNOP	90.3	70-130		%Rec	1	11/4/2021 11:54:55 PM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/4/2021 1:53:17 PM	B82607
Surr: BFB	100	70-130		%Rec	1	11/4/2021 1:53:17 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/4/2021 1:53:17 PM	D82607
Toluene	ND	0.047		mg/Kg	1	11/4/2021 1:53:17 PM	D82607
Ethylbenzene	ND	0.047		mg/Kg	1	11/4/2021 1:53:17 PM	D82607
Xylenes, Total	ND	0.095		mg/Kg	1	11/4/2021 1:53:17 PM	D82607
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/4/2021 1:53:17 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-18/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 9:05:00 AM

Lab ID: 2111218-009

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	240	60		mg/Kg	20	11/4/2021 3:54:37 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/5/2021 12:19:06 AM	63769
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 12:19:06 AM	63769
Surr: DNOP	90.5	70-130		%Rec	1	11/5/2021 12:19:06 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/4/2021 3:03:14 PM	B82607
Surr: BFB	100	70-130		%Rec	1	11/4/2021 3:03:14 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	11/4/2021 3:03:14 PM	D82607
Toluene	ND	0.036		mg/Kg	1	11/4/2021 3:03:14 PM	D82607
Ethylbenzene	ND	0.036		mg/Kg	1	11/4/2021 3:03:14 PM	D82607
Xylenes, Total	ND	0.073		mg/Kg	1	11/4/2021 3:03:14 PM	D82607
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/4/2021 3:03:14 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-19/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 9:08:00 AM

Lab ID: 2111218-010

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	210	60		mg/Kg	20	11/4/2021 4:07:01 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/5/2021 12:43:07 AM	63769
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 12:43:07 AM	63769
Surr: DNOP	91.5	70-130		%Rec	1	11/5/2021 12:43:07 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	11/4/2021 3:26:33 PM	B82607
Surr: BFB	102	70-130		%Rec	1	11/4/2021 3:26:33 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	11/4/2021 3:26:33 PM	D82607
Toluene	ND	0.044		mg/Kg	1	11/4/2021 3:26:33 PM	D82607
Ethylbenzene	ND	0.044		mg/Kg	1	11/4/2021 3:26:33 PM	D82607
Xylenes, Total	ND	0.087		mg/Kg	1	11/4/2021 3:26:33 PM	D82607
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/4/2021 3:26:33 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-20/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 10:15:00 AM

Lab ID: 2111218-011

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	370	60		mg/Kg	20	11/4/2021 4:19:25 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/5/2021 1:07:13 AM	63769
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 1:07:13 AM	63769
Surr: DNOP	85.1	70-130		%Rec	1	11/5/2021 1:07:13 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/4/2021 3:49:49 PM	B82607
Surr: BFB	102	70-130		%Rec	1	11/4/2021 3:49:49 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	11/4/2021 3:49:49 PM	D82607
Toluene	ND	0.039		mg/Kg	1	11/4/2021 3:49:49 PM	D82607
Ethylbenzene	ND	0.039		mg/Kg	1	11/4/2021 3:49:49 PM	D82607
Xylenes, Total	ND	0.077		mg/Kg	1	11/4/2021 3:49:49 PM	D82607
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/4/2021 3:49:49 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-10/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 9:12:00 AM

Lab ID: 2111218-012

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	210	60		mg/Kg	20	11/4/2021 4:31:49 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/5/2021 1:31:21 AM	63769
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 1:31:21 AM	63769
Surr: DNOP	90.5	70-130		%Rec	1	11/5/2021 1:31:21 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	11/4/2021 4:13:03 PM	B82607
Surr: BFB	102	70-130		%Rec	1	11/4/2021 4:13:03 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	11/4/2021 4:13:03 PM	D82607
Toluene	ND	0.034		mg/Kg	1	11/4/2021 4:13:03 PM	D82607
Ethylbenzene	ND	0.034		mg/Kg	1	11/4/2021 4:13:03 PM	D82607
Xylenes, Total	ND	0.068		mg/Kg	1	11/4/2021 4:13:03 PM	D82607
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/4/2021 4:13:03 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-11/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 9:15:00 AM

Lab ID: 2111218-013

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	460	60		mg/Kg	20	11/4/2021 4:44:14 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/5/2021 1:55:33 AM	63769
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 1:55:33 AM	63769
Surr: DNOP	89.6	70-130		%Rec	1	11/5/2021 1:55:33 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/4/2021 4:36:21 PM	B82607
Surr: BFB	103	70-130		%Rec	1	11/4/2021 4:36:21 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	11/4/2021 4:36:21 PM	D82607
Toluene	ND	0.039		mg/Kg	1	11/4/2021 4:36:21 PM	D82607
Ethylbenzene	ND	0.039		mg/Kg	1	11/4/2021 4:36:21 PM	D82607
Xylenes, Total	ND	0.079		mg/Kg	1	11/4/2021 4:36:21 PM	D82607
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/4/2021 4:36:21 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-1/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 9:21:00 AM

Lab ID: 2111218-014

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	220	61		mg/Kg	20	11/4/2021 4:56:38 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 2:19:38 AM	63769
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 2:19:38 AM	63769
Surr: DNOP	86.8	70-130		%Rec	1	11/5/2021 2:19:38 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	11/4/2021 4:59:39 PM	B82607
Surr: BFB	102	70-130		%Rec	1	11/4/2021 4:59:39 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	11/4/2021 4:59:39 PM	D82607
Toluene	ND	0.042		mg/Kg	1	11/4/2021 4:59:39 PM	D82607
Ethylbenzene	ND	0.042		mg/Kg	1	11/4/2021 4:59:39 PM	D82607
Xylenes, Total	ND	0.085		mg/Kg	1	11/4/2021 4:59:39 PM	D82607
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/4/2021 4:59:39 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SW-2/A

Project: Johnston BE Battery

Collection Date: 11/2/2021 9:24:00 AM

Lab ID: 2111218-015

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	170	60		mg/Kg	20	11/4/2021 5:09:02 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 2:43:44 AM	63769
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 2:43:44 AM	63769
Surr: DNOP	90.4	70-130		%Rec	1	11/5/2021 2:43:44 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/4/2021 5:23:03 PM	B82607
Surr: BFB	98.7	70-130		%Rec	1	11/4/2021 5:23:03 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	11/4/2021 5:23:03 PM	D82607
Toluene	ND	0.039		mg/Kg	1	11/4/2021 5:23:03 PM	D82607
Ethylbenzene	ND	0.039		mg/Kg	1	11/4/2021 5:23:03 PM	D82607
Xylenes, Total	ND	0.078		mg/Kg	1	11/4/2021 5:23:03 PM	D82607
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	11/4/2021 5:23:03 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-20/W1

Project: Johnston BE Battery

Collection Date: 11/2/2021 10:19:00 AM

Lab ID: 2111218-016

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	140	60		mg/Kg	20	11/4/2021 5:21:26 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	11/5/2021 3:07:40 AM	63769
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/5/2021 3:07:40 AM	63769
Surr: DNOP	89.9	70-130		%Rec	1	11/5/2021 3:07:40 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	11/4/2021 5:46:29 PM	B82607
Surr: BFB	100	70-130		%Rec	1	11/4/2021 5:46:29 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/4/2021 5:46:29 PM	D82607
Toluene	ND	0.045		mg/Kg	1	11/4/2021 5:46:29 PM	D82607
Ethylbenzene	ND	0.045		mg/Kg	1	11/4/2021 5:46:29 PM	D82607
Xylenes, Total	ND	0.090		mg/Kg	1	11/4/2021 5:46:29 PM	D82607
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/4/2021 5:46:29 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-20/W2

Project: Johnston BE Battery

Collection Date: 11/2/2021 10:25:00 AM

Lab ID: 2111218-017

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	120	60		mg/Kg	20	11/4/2021 5:47:53 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/5/2021 3:31:52 AM	63769
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 3:31:52 AM	63769
Surr: DNOP	90.6	70-130		%Rec	1	11/5/2021 3:31:52 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/4/2021 6:09:56 PM	B82607
Surr: BFB	98.8	70-130		%Rec	1	11/4/2021 6:09:56 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	11/4/2021 6:09:56 PM	D82607
Toluene	ND	0.036		mg/Kg	1	11/4/2021 6:09:56 PM	D82607
Ethylbenzene	ND	0.036		mg/Kg	1	11/4/2021 6:09:56 PM	D82607
Xylenes, Total	ND	0.072		mg/Kg	1	11/4/2021 6:09:56 PM	D82607
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	11/4/2021 6:09:56 PM	D82607

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

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

Analytical Report

Lab Order 2111218

Date Reported: 11/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-18/W1

Project: Johnston BE Battery

Collection Date: 11/2/2021 11:55:00 AM

Lab ID: 2111218-018

Matrix: MEOH (SOIL)

Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	77	60		mg/Kg	20	11/4/2021 6:00:18 PM	63763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/5/2021 3:56:14 AM	63769
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/5/2021 3:56:14 AM	63769
Surr: DNOP	90.7	70-130		%Rec	1	11/5/2021 3:56:14 AM	63769
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/4/2021 6:33:23 PM	B82607
Surr: BFB	98.7	70-130		%Rec	1	11/4/2021 6:33:23 PM	B82607
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	11/4/2021 6:33:23 PM	D82607
Toluene	ND	0.039		mg/Kg	1	11/4/2021 6:33:23 PM	D82607
Ethylbenzene	ND	0.039		mg/Kg	1	11/4/2021 6:33:23 PM	D82607
Xylenes, Total	ND	0.077		mg/Kg	1	11/4/2021 6:33:23 PM	D82607
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	11/4/2021 6:33:23 PM	D82607

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111218

05-Nov-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-63763	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63763	RunNo: 82612								
Prep Date: 11/4/2021	Analysis Date: 11/4/2021	SeqNo: 2932209	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63763	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63763	RunNo: 82612								
Prep Date: 11/4/2021	Analysis Date: 11/4/2021	SeqNo: 2932210	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.1	90	110			

Sample ID: MB-63762	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63762	RunNo: 82614								
Prep Date: 11/4/2021	Analysis Date: 11/4/2021	SeqNo: 2932376	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63762	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63762	RunNo: 82614								
Prep Date: 11/4/2021	Analysis Date: 11/4/2021	SeqNo: 2932377	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111218

05-Nov-21

Client: EOG
Project: Johnston BE Battery

Sample ID: LCS-63769	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63769	RunNo: 82578								
Prep Date: 11/4/2021	Analysis Date: 11/4/2021	SeqNo: 2932268	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	95.4	68.9	135			
Surr: DNOP	4.4		5.000		87.5	70	130			

Sample ID: MB-63769	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63769	RunNo: 82578								
Prep Date: 11/4/2021	Analysis Date: 11/4/2021	SeqNo: 2932269	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		89.6	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111218

05-Nov-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: B82607	RunNo: 82607								
Prep Date:	Analysis Date: 11/4/2021	SeqNo: 2932014	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.3	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: B82607	RunNo: 82607								
Prep Date:	Analysis Date: 11/4/2021	SeqNo: 2932015	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	92.4	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111218

05-Nov-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: D82607	RunNo: 82607								
Prep Date:	Analysis Date: 11/4/2021	SeqNo: 2932066	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.2	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: D82607	RunNo: 82607								
Prep Date:	Analysis Date: 11/4/2021	SeqNo: 2932067	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	84.8	80	120			
Toluene	0.88	0.050	1.000	0	88.3	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.3	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.2	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2111218

RcptNo: 1

Received By: Cheyenne Cason 11/4/2021 7:44:00 AM

Completed By: Isaiah Ortiz 11/4/2021 8:02:41 AM

Reviewed By: DAD 11/04/21

Handwritten initials: Cason, I-Ort

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: TUE 11/4/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.3	Good	Not Present			

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: Standard Rush 24-hr.

Project Name: Johnston BE Battery

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CP): 5.4 - 0.1 - 5.3

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No
11/21	0705	S-1	CS-1/A	1x 400ml Jar	Ice	001
	0809		CS-2/A			002
	0814		CS-5/A			003
	0819		CS-6/A			004
	0822		CS-7/A			005
	0826		CS-8/A			006
	0830		CS-9/A			007
	0901		CS-15/A			008
	0905		CS-18/A			009
	0908		CS-19/A			010
	1015		CS-20/A			011
	0912		B-10/A			012

Analysis Request

TPH:8015D(GRO / DRO / MRO)

Chloride (EPA 300)

BTEX (8021)

Remarks: Bill to EOG Artesia

Received by: *W. Kennedy* Date: 11/21/21 Time: 0730

Via: *Express*

Received by: *Eric Camm* Date: 11/24/21 Time: 0744

Via: *Express*

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:

Standard Rush

24-hr

Project Name:

Johnston BE Battery

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy

On Ice: Yes No

of Coolers: 5

Cooler Temp (including 0°F): 5, 4, 5, 0, 1, 5, 3

Container Type and #
184 Ice
Preservative Type
Ice
HEAL No.
211218

013

014

015

016

017

018

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

Date: 11/21/21 Time: 0730

Relinquished by: W. Kennedy

Received by: [Signature] Date: 11/30/21 Time: 0730

Via: [Signature] Date: 11/30/21 Time: 0730

Remarks: Bill to EOG Artesia

Date: 11/30/21 Time: 1400

Relinquished by: [Signature]

Received by: [Signature] Date: 11/14/21 Time: 0744

Via: [Signature] Date: 11/14/21 Time: 0744

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



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

November 22, 2021

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

RE: Johnston BE Battery

OrderNo.: 2111699

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 11 sample(s) on 11/13/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-S-1

Project: Johnston BE Battery

Collection Date: 11/11/2021 10:34:00 AM

Lab ID: 2111699-001

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	350	60		mg/Kg	20	11/15/2021 9:53:39 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/15/2021 11:04:39 AM	63928
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/15/2021 11:04:39 AM	63928
Surr: DNOP	94.7	70-130		%Rec	1	11/15/2021 11:04:39 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	11/13/2021 1:07:00 PM	R82825
Surr: BFB	101	70-130		%Rec	1	11/13/2021 1:07:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	11/13/2021 1:07:00 PM	R82825
Toluene	ND	0.037		mg/Kg	1	11/13/2021 1:07:00 PM	R82825
Ethylbenzene	ND	0.037		mg/Kg	1	11/13/2021 1:07:00 PM	R82825
Xylenes, Total	ND	0.074		mg/Kg	1	11/13/2021 1:07:00 PM	R82825
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	11/13/2021 1:07:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-S-2

Project: Johnston BE Battery

Collection Date: 11/11/2021 11:21:00 AM

Lab ID: 2111699-002

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	250	60		mg/Kg	20	11/15/2021 10:06:04 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/15/2021 11:17:39 AM	63928
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/15/2021 11:17:39 AM	63928
Surr: DNOP	96.1	70-130		%Rec	1	11/15/2021 11:17:39 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/13/2021 1:27:00 PM	R82825
Surr: BFB	102	70-130		%Rec	1	11/13/2021 1:27:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.018		mg/Kg	1	11/13/2021 1:27:00 PM	R82825
Toluene	ND	0.036		mg/Kg	1	11/13/2021 1:27:00 PM	R82825
Ethylbenzene	ND	0.036		mg/Kg	1	11/13/2021 1:27:00 PM	R82825
Xylenes, Total	ND	0.072		mg/Kg	1	11/13/2021 1:27:00 PM	R82825
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/13/2021 1:27:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-S-3

Project: Johnston BE Battery

Collection Date: 11/11/2021 12:04:00 PM

Lab ID: 2111699-003

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	220	60		mg/Kg	20	11/15/2021 10:18:28 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/15/2021 11:30:29 AM	63928
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/15/2021 11:30:29 AM	63928
Surr: DNOP	97.2	70-130		%Rec	1	11/15/2021 11:30:29 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	11/13/2021 1:47:00 PM	R82825
Surr: BFB	105	70-130		%Rec	1	11/13/2021 1:47:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.018		mg/Kg	1	11/13/2021 1:47:00 PM	R82825
Toluene	ND	0.035		mg/Kg	1	11/13/2021 1:47:00 PM	R82825
Ethylbenzene	ND	0.035		mg/Kg	1	11/13/2021 1:47:00 PM	R82825
Xylenes, Total	ND	0.070		mg/Kg	1	11/13/2021 1:47:00 PM	R82825
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	11/13/2021 1:47:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-S-4

Project: Johnston BE Battery

Collection Date: 11/11/2021 2:20:00 PM

Lab ID: 2111699-004

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	11/15/2021 10:30:53 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/15/2021 11:43:42 AM	63928
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/15/2021 11:43:42 AM	63928
Surr: DNOP	100	70-130		%Rec	1	11/15/2021 11:43:42 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	11/13/2021 2:07:00 PM	R82825
Surr: BFB	105	70-130		%Rec	1	11/13/2021 2:07:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.020		mg/Kg	1	11/13/2021 2:07:00 PM	R82825
Toluene	ND	0.040		mg/Kg	1	11/13/2021 2:07:00 PM	R82825
Ethylbenzene	ND	0.040		mg/Kg	1	11/13/2021 2:07:00 PM	R82825
Xylenes, Total	ND	0.079		mg/Kg	1	11/13/2021 2:07:00 PM	R82825
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	11/13/2021 2:07:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WF-1A

Project: Johnston BE Battery

Collection Date: 11/11/2021 2:50:00 PM

Lab ID: 2111699-005

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	260	61		mg/Kg	20	11/15/2021 10:43:17 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/15/2021 11:56:53 AM	63928
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/15/2021 11:56:53 AM	63928
Surr: DNOP	88.6	70-130		%Rec	1	11/15/2021 11:56:53 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/13/2021 2:26:00 PM	R82825
Surr: BFB	101	70-130		%Rec	1	11/13/2021 2:26:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	11/13/2021 2:26:00 PM	R82825
Toluene	ND	0.039		mg/Kg	1	11/13/2021 2:26:00 PM	R82825
Ethylbenzene	ND	0.039		mg/Kg	1	11/13/2021 2:26:00 PM	R82825
Xylenes, Total	ND	0.077		mg/Kg	1	11/13/2021 2:26:00 PM	R82825
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	11/13/2021 2:26:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-2A

Project: Johnston BE Battery

Collection Date: 11/11/2021 3:05:00 PM

Lab ID: 2111699-006

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	280	60		mg/Kg	20	11/15/2021 10:55:41 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/15/2021 12:10:17 PM	63928
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/15/2021 12:10:17 PM	63928
Surr: DNOP	89.9	70-130		%Rec	1	11/15/2021 12:10:17 PM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	11/13/2021 2:46:00 PM	R82825
Surr: BFB	95.3	70-130		%Rec	1	11/13/2021 2:46:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	11/13/2021 2:46:00 PM	R82825
Toluene	ND	0.038		mg/Kg	1	11/13/2021 2:46:00 PM	R82825
Ethylbenzene	ND	0.038		mg/Kg	1	11/13/2021 2:46:00 PM	R82825
Xylenes, Total	ND	0.076		mg/Kg	1	11/13/2021 2:46:00 PM	R82825
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	11/13/2021 2:46:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CS-2B

Project: Johnston BE Battery

Collection Date: 11/11/2021 3:15:00 PM

Lab ID: 2111699-007

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	210	60		mg/Kg	20	11/15/2021 11:08:06 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/15/2021 10:34:08 AM	63928
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/15/2021 10:34:08 AM	63928
Surr: DNOP	107	70-130		%Rec	1	11/15/2021 10:34:08 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/13/2021 3:05:00 PM	R82825
Surr: BFB	93.7	70-130		%Rec	1	11/13/2021 3:05:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.018		mg/Kg	1	11/13/2021 3:05:00 PM	R82825
Toluene	ND	0.036		mg/Kg	1	11/13/2021 3:05:00 PM	R82825
Ethylbenzene	ND	0.036		mg/Kg	1	11/13/2021 3:05:00 PM	R82825
Xylenes, Total	ND	0.071		mg/Kg	1	11/13/2021 3:05:00 PM	R82825
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/13/2021 3:05:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: R-1

Project: Johnston BE Battery

Collection Date: 11/11/2021 2:48:00 PM

Lab ID: 2111699-008

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	380	60		mg/Kg	20	11/15/2021 11:20:30 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/15/2021 10:58:05 AM	63928
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/15/2021 10:58:05 AM	63928
Surr: DNOP	106	70-130		%Rec	1	11/15/2021 10:58:05 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	11/13/2021 3:25:00 PM	R82825
Surr: BFB	94.1	70-130		%Rec	1	11/13/2021 3:25:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.017		mg/Kg	1	11/13/2021 3:25:00 PM	R82825
Toluene	ND	0.033		mg/Kg	1	11/13/2021 3:25:00 PM	R82825
Ethylbenzene	ND	0.033		mg/Kg	1	11/13/2021 3:25:00 PM	R82825
Xylenes, Total	ND	0.067		mg/Kg	1	11/13/2021 3:25:00 PM	R82825
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/13/2021 3:25:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: R-2

Project: Johnston BE Battery

Collection Date: 11/11/2021 2:52:00 PM

Lab ID: 2111699-009

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	340	60		mg/Kg	20	11/15/2021 11:57:44 AM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/15/2021 11:22:07 AM	63928
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/15/2021 11:22:07 AM	63928
Surr: DNOP	100	70-130		%Rec	1	11/15/2021 11:22:07 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	11/13/2021 3:44:00 PM	R82825
Surr: BFB	95.8	70-130		%Rec	1	11/13/2021 3:44:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.017		mg/Kg	1	11/13/2021 3:44:00 PM	R82825
Toluene	ND	0.034		mg/Kg	1	11/13/2021 3:44:00 PM	R82825
Ethylbenzene	ND	0.034		mg/Kg	1	11/13/2021 3:44:00 PM	R82825
Xylenes, Total	ND	0.069		mg/Kg	1	11/13/2021 3:44:00 PM	R82825
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/13/2021 3:44:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: R-3

Project: Johnston BE Battery

Collection Date: 11/11/2021 2:56:00 PM

Lab ID: 2111699-010

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	480	60		mg/Kg	20	11/15/2021 12:10:09 PM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/15/2021 11:46:11 AM	63928
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/15/2021 11:46:11 AM	63928
Surr: DNOP	105	70-130		%Rec	1	11/15/2021 11:46:11 AM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	11/13/2021 4:04:00 PM	R82825
Surr: BFB	104	70-130		%Rec	1	11/13/2021 4:04:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.017		mg/Kg	1	11/13/2021 4:04:00 PM	R82825
Toluene	ND	0.034		mg/Kg	1	11/13/2021 4:04:00 PM	R82825
Ethylbenzene	ND	0.034		mg/Kg	1	11/13/2021 4:04:00 PM	R82825
Xylenes, Total	ND	0.069		mg/Kg	1	11/13/2021 4:04:00 PM	R82825
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	11/13/2021 4:04:00 PM	R82825

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

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

Analytical Report

Lab Order **2111699**

Date Reported: **11/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: R-4

Project: Johnston BE Battery

Collection Date: 11/11/2021 3:00:00 PM

Lab ID: 2111699-011

Matrix: MEOH (SOIL)

Received Date: 11/13/2021 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	540	60		mg/Kg	20	11/15/2021 12:22:33 PM	63931
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/15/2021 12:10:16 PM	63928
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/15/2021 12:10:16 PM	63928
Surr: DNOP	107	70-130		%Rec	1	11/15/2021 12:10:16 PM	63928
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	2.9		mg/Kg	1	11/13/2021 5:03:00 PM	R82825
Surr: BFB	97.0	70-130		%Rec	1	11/13/2021 5:03:00 PM	R82825
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.015		mg/Kg	1	11/13/2021 5:03:00 PM	R82825
Toluene	ND	0.029		mg/Kg	1	11/13/2021 5:03:00 PM	R82825
Ethylbenzene	ND	0.029		mg/Kg	1	11/13/2021 5:03:00 PM	R82825
Xylenes, Total	ND	0.058		mg/Kg	1	11/13/2021 5:03:00 PM	R82825
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	11/13/2021 5:03:00 PM	R82825

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111699

22-Nov-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-63931	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63931	RunNo: 82840								
Prep Date: 11/15/2021	Analysis Date: 11/15/2021	SeqNo: 2942094	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63931	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63931	RunNo: 82840								
Prep Date: 11/15/2021	Analysis Date: 11/15/2021	SeqNo: 2942095	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.7	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111699

22-Nov-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-63928	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63928	RunNo: 82832								
Prep Date: 11/15/2021	Analysis Date: 11/15/2021	SeqNo: 2940928	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	9.5		10.00		95.4	70	130			

Sample ID: LCS-63928	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63928	RunNo: 82832								
Prep Date: 11/15/2021	Analysis Date: 11/15/2021	SeqNo: 2940929	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	84.2	68.9	135			
Surr: DNOP	4.5		5.000		90.1	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111699

22-Nov-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: R82825	RunNo: 82825								
Prep Date:	Analysis Date: 11/13/2021	SeqNo: 2940444	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	960		1000		95.7	70	130			

Sample ID: 2.5ug GRO lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: R82825	RunNo: 82825								
Prep Date:	Analysis Date: 11/13/2021	SeqNo: 2940445	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	1100		1000		115	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111699

22-Nov-21

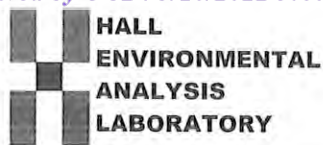
Client: EOG
Project: Johnston BE Battery

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: R82825	RunNo: 82825								
Prep Date:	Analysis Date: 11/13/2021	SeqNo: 2940464	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	70	130			

Sample ID: 100ng BTEX Ics	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: R82825	RunNo: 82825								
Prep Date:	Analysis Date: 11/13/2021	SeqNo: 2940465	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	104	80	120			
Toluene	1.1	0.050	1.000	0	109	80	120			
Ethylbenzene	1.1	0.050	1.000	0	106	80	120			
Xylenes, Total	3.2	0.10	3.000	0	108	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2111699 RcptNo: 1

Received By: Cheyenne Cason 11/13/2021 8:40:00 AM
Completed By: Cheyenne Cason 11/13/2021 8:51:19 AM
Reviewed By: [Signature] 11/13/2021

Chain of Custody

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

Log In

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

of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: [Signature] 11/13/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 4.6, Good, [], [], []

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

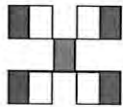
QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) Excel

Turn-Around Time:
 Standard Rush SAME DAY
 Project Name: JOHNSTON BE BATTERY
 Project #: 5375

Project Manager: W. Kierdorf
 Sampler: W. KIERDORF
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 4.6-0 = 4.6

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
11/11/2021	1034	Soil	PL-S-1	1 x 1/2 Jar	ICE	2111699
	1121		PL-S-2			001
	1204		PL-S-3			002
	1420		PL-S-4			003
	1457		WF-1A			004
	1506		WW-2A			005
	1515		CS-2B			006
	1448		R-1			007
	1452		R-2			008
	1456		R-3			009
	1500		R-4			010
						011

Date: 11/11/21 0621
 Relinquished by: [Signature]
 Date: 11/21/21 1900
 Relinquished by: [Signature]



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

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

Remarks: Bill to EOG Artesia

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



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

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

RE: Johnston BE Battery

OrderNo.: 2111A41

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 4 sample(s) on 11/19/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com 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 2111A41

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-1

Project: Johnston BE Battery

Collection Date: 11/18/2021 9:15:00 AM

Lab ID: 2111A41-001

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	11/30/2021 4:02:25 PM	64219
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 2:10:29 PM	64179
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/30/2021 2:10:29 PM	64179
Surr: DNOP	90.5	70-130		%Rec	1	11/30/2021 2:10:29 PM	64179
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/29/2021 10:57:00 AM	64153
Surr: BFB	95.1	70-130		%Rec	1	11/29/2021 10:57:00 AM	64153
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/29/2021 10:57:00 AM	64153
Toluene	ND	0.050		mg/Kg	1	11/29/2021 10:57:00 AM	64153
Ethylbenzene	ND	0.050		mg/Kg	1	11/29/2021 10:57:00 AM	64153
Xylenes, Total	ND	0.099		mg/Kg	1	11/29/2021 10:57:00 AM	64153
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	11/29/2021 10:57:00 AM	64153

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

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

Analytical Report

Lab Order **2111A41**

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-2W-1

Project: Johnston BE Battery

Collection Date: 11/18/2021 11:11:00 AM

Lab ID: 2111A41-002

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	11/30/2021 4:14:51 PM	64219
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/30/2021 2:21:05 PM	64179
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 2:21:05 PM	64179
Surr: DNOP	127	70-130		%Rec	1	11/30/2021 2:21:05 PM	64179
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/29/2021 11:16:00 AM	64153
Surr: BFB	93.0	70-130		%Rec	1	11/29/2021 11:16:00 AM	64153
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 11:16:00 AM	64153
Toluene	ND	0.048		mg/Kg	1	11/29/2021 11:16:00 AM	64153
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 11:16:00 AM	64153
Xylenes, Total	ND	0.096		mg/Kg	1	11/29/2021 11:16:00 AM	64153
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	11/29/2021 11:16:00 AM	64153

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

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

Analytical Report

Lab Order **2111A41**

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-2W-2

Project: Johnston BE Battery

Collection Date: 11/18/2021 3:50:00 PM

Lab ID: 2111A41-003

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	420	60		mg/Kg	20	11/30/2021 4:27:15 PM	64219
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 2:31:39 PM	64179
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/30/2021 2:31:39 PM	64179
Surr: DNOP	93.0	70-130		%Rec	1	11/30/2021 2:31:39 PM	64179
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/29/2021 11:36:00 AM	64153
Surr: BFB	96.3	70-130		%Rec	1	11/29/2021 11:36:00 AM	64153
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 11:36:00 AM	64153
Toluene	ND	0.048		mg/Kg	1	11/29/2021 11:36:00 AM	64153
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 11:36:00 AM	64153
Xylenes, Total	ND	0.097		mg/Kg	1	11/29/2021 11:36:00 AM	64153
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	11/29/2021 11:36:00 AM	64153

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

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

Analytical Report

Lab Order 2111A41

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-2F

Project: Johnston BE Battery

Collection Date: 11/18/2021 3:57:00 PM

Lab ID: 2111A41-004

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2000	60		mg/Kg	20	11/30/2021 4:39:40 PM	64219
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/30/2021 2:42:15 PM	64179
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2021 2:42:15 PM	64179
Surr: DNOP	89.8	70-130		%Rec	1	11/30/2021 2:42:15 PM	64179
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/29/2021 11:56:00 AM	64153
Surr: BFB	99.6	70-130		%Rec	1	11/29/2021 11:56:00 AM	64153
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 11:56:00 AM	64153
Toluene	ND	0.048		mg/Kg	1	11/29/2021 11:56:00 AM	64153
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 11:56:00 AM	64153
Xylenes, Total	ND	0.096		mg/Kg	1	11/29/2021 11:56:00 AM	64153
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	11/29/2021 11:56:00 AM	64153

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

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A41

08-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-64219	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64219	RunNo: 83169								
Prep Date: 11/30/2021	Analysis Date: 11/30/2021	SeqNo: 2955795	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64219	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64219	RunNo: 83169								
Prep Date: 11/30/2021	Analysis Date: 11/30/2021	SeqNo: 2955796	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A41

08-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: LCS-64179	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64179	RunNo: 83165								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2956173	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	83.1	68.9	135			
Surr: DNOP	3.9		5.000		78.6	70	130			

Sample ID: MB-64179	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64179	RunNo: 83165								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2956177	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	9.1		10.00		91.4	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A41

08-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb-64153	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64153	RunNo: 83126								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953109	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	960		1000		96.3	70	130			

Sample ID: ics-64153	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64153	RunNo: 83126								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953110	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	93.6	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A41

08-Dec-21

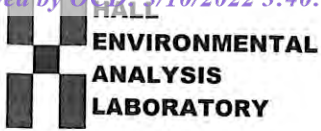
Client: EOG
Project: Johnston BE Battery

Sample ID: mb-64153	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64153	RunNo: 83126								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953112	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		91.6	70	130			

Sample ID: ics-64153	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64153	RunNo: 83126								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953113	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	82.8	80	120			
Toluene	0.84	0.050	1.000	0	84.5	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.1	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.7	80	120			
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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2111A41

RcptNo: 1

Received By: Cheyenne Cason 11/19/2021 8:00:00 AM

Completed By: Cheyenne Cason 11/19/2021 1:49:34 PM

Reviewed By: TML 11/19/21 15:33

Handwritten signatures and initials.

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: KPC 11/19/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.1, Good, Not Present, , ,

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

Date	Time	Matrix	Sample Name
11/18/21	0715	SOIL	PL-N-1
11/18/21	1111	SOIL	PL-N-2W-1
11/18/21	1550	SOIL	PL-N-2N-2
11/18/21	1557	SOIL	PL-N-2F

Turn-Around Time:
 Standard Rush
 Project Name: JOHNSTON BL BATTERY
 Project #: 5375
 Project Manager: W. Kierdorf

Sampler: W. KIERDORF / W. KENNEDY
 On Ice: Yes No
 # of Coolers: 2
 Cooler Temp (including CF): 2, 4, 0, 2, 4
 Container Type and #
 Preservative Type
 HEAL No.
 Z-110-2.1
 Z-111A-41
 COOL
 POC
 POC
 POC

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

Date	Time	Via	Date	Time
11/18/21	1820		11/18/21	1825
11/18/21	1900		11/19/21	0800

Received by: [Signature]
 Relinquished by: [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.

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.0/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 11:46:00 AM

Lab ID: 2111C05-001

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	6800	300		mg/Kg	100	11/30/2021 10:32:13 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/30/2021 10:41:09 AM	64198
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 10:41:09 AM	64198
Surr: DNOP	82.9	70-130		%Rec	1	11/30/2021 10:41:09 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/30/2021 9:02:00 AM	64183
Surr: BFB	95.9	70-130		%Rec	1	11/30/2021 9:02:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/30/2021 9:02:00 AM	64183
Toluene	ND	0.050		mg/Kg	1	11/30/2021 9:02:00 AM	64183
Ethylbenzene	ND	0.050		mg/Kg	1	11/30/2021 9:02:00 AM	64183
Xylenes, Total	ND	0.10		mg/Kg	1	11/30/2021 9:02:00 AM	64183
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	11/30/2021 9:02:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.0/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 11:48:00 AM

Lab ID: 2111C05-002

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	4100	150		mg/Kg	50	11/30/2021 10:44:33 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 10:51:34 AM	64198
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 10:51:34 AM	64198
Surr: DNOP	89.5	70-130		%Rec	1	11/30/2021 10:51:34 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/30/2021 9:22:00 AM	64183
Surr: BFB	99.2	70-130		%Rec	1	11/30/2021 9:22:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 9:22:00 AM	64183
Toluene	ND	0.047		mg/Kg	1	11/30/2021 9:22:00 AM	64183
Ethylbenzene	ND	0.047		mg/Kg	1	11/30/2021 9:22:00 AM	64183
Xylenes, Total	ND	0.095		mg/Kg	1	11/30/2021 9:22:00 AM	64183
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	11/30/2021 9:22:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.0/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 11:50:00 AM

Lab ID: 2111C05-003

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1600	60		mg/Kg	20	11/30/2021 12:02:56 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 11:02:01 AM	64198
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/30/2021 11:02:01 AM	64198
Surr: DNOP	91.2	70-130		%Rec	1	11/30/2021 11:02:01 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/30/2021 9:42:00 AM	64183
Surr: BFB	100	70-130		%Rec	1	11/30/2021 9:42:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 9:42:00 AM	64183
Toluene	ND	0.047		mg/Kg	1	11/30/2021 9:42:00 AM	64183
Ethylbenzene	ND	0.047		mg/Kg	1	11/30/2021 9:42:00 AM	64183
Xylenes, Total	ND	0.095		mg/Kg	1	11/30/2021 9:42:00 AM	64183
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	11/30/2021 9:42:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.1/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 11:52:00 AM

Lab ID: 2111C05-004

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5000	150		mg/Kg	50	11/29/2021 3:41:17 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.1/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 11:54:00 AM

Lab ID: 2111C05-005

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	4200	150		mg/Kg	50	11/29/2021 3:53:38 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.1/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 11:56:00 AM

Lab ID: 2111C05-006

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1900	60		mg/Kg	20	11/24/2021 4:03:40 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.2/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 11:58:00 AM

Lab ID: 2111C05-007

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5400	300		mg/Kg	100	11/29/2021 4:05:58 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.2/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:00:00 PM

Lab ID: 2111C05-008

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2500	150		mg/Kg	50	11/29/2021 4:18:19 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.2/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:02:00 PM

Lab ID: 2111C05-009

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5200	150		mg/Kg	50	11/29/2021 4:30:40 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.3/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:04:00 PM

Lab ID: 2111C05-010

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5900	300		mg/Kg	100	11/29/2021 4:43:01 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.3/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:06:00 PM

Lab ID: 2111C05-011

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	4900	150		mg/Kg	50	11/29/2021 4:55:22 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.3/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:08:00 PM

Lab ID: 2111C05-012

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2900	150		mg/Kg	50	11/29/2021 5:07:43 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.4/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:10:00 PM

Lab ID: 2111C05-013

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5400	300		mg/Kg	100	11/29/2021 5:20:04 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.4/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:12:00 PM

Lab ID: 2111C05-014

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	4800	150		mg/Kg	50	11/29/2021 5:32:25 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.4/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:14:00 PM

Lab ID: 2111C05-015

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2000	60		mg/Kg	20	11/24/2021 7:09:50 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.5/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:16:00 PM

Lab ID: 2111C05-016

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	4800	150		mg/Kg	50	11/30/2021 10:56:55 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/30/2021 11:12:28 AM	64198
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 11:12:28 AM	64198
Surr: DNOP	89.1	70-130		%Rec	1	11/30/2021 11:12:28 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/30/2021 10:01:00 AM	64183
Surr: BFB	101	70-130		%Rec	1	11/30/2021 10:01:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 10:01:00 AM	64183
Toluene	ND	0.049		mg/Kg	1	11/30/2021 10:01:00 AM	64183
Ethylbenzene	ND	0.049		mg/Kg	1	11/30/2021 10:01:00 AM	64183
Xylenes, Total	ND	0.098		mg/Kg	1	11/30/2021 10:01:00 AM	64183
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	11/30/2021 10:01:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.5/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:18:00 PM

Lab ID: 2111C05-017

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3600	150		mg/Kg	50	11/30/2021 11:09:15 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/30/2021 11:22:56 AM	64198
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2021 11:22:56 AM	64198
Surr: DNOP	112	70-130		%Rec	1	11/30/2021 11:22:56 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/30/2021 10:21:00 AM	64183
Surr: BFB	95.8	70-130		%Rec	1	11/30/2021 10:21:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/30/2021 10:21:00 AM	64183
Toluene	ND	0.047		mg/Kg	1	11/30/2021 10:21:00 AM	64183
Ethylbenzene	ND	0.047		mg/Kg	1	11/30/2021 10:21:00 AM	64183
Xylenes, Total	ND	0.093		mg/Kg	1	11/30/2021 10:21:00 AM	64183
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	11/30/2021 10:21:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.5/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:20:00 PM

Lab ID: 2111C05-018

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2100	150		mg/Kg	50	11/30/2021 11:21:37 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/30/2021 11:33:26 AM	64198
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/30/2021 11:33:26 AM	64198
Surr: DNOP	88.3	70-130		%Rec	1	11/30/2021 11:33:26 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/30/2021 10:40:00 AM	64183
Surr: BFB	99.9	70-130		%Rec	1	11/30/2021 10:40:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 10:40:00 AM	64183
Toluene	ND	0.049		mg/Kg	1	11/30/2021 10:40:00 AM	64183
Ethylbenzene	ND	0.049		mg/Kg	1	11/30/2021 10:40:00 AM	64183
Xylenes, Total	ND	0.098		mg/Kg	1	11/30/2021 10:40:00 AM	64183
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	11/30/2021 10:40:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.6/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:22:00 PM

Lab ID: 2111C05-019

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5300	300		mg/Kg	100	11/29/2021 6:09:30 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.6/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:24:00 PM

Lab ID: 2111C05-020

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	4800	150		mg/Kg	50	11/29/2021 6:21:52 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.6/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:26:00 PM

Lab ID: 2111C05-021

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2600	150		mg/Kg	50	11/29/2021 6:34:13 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.7/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:28:00 PM

Lab ID: 2111C05-022

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5000	300		mg/Kg	100	11/29/2021 6:46:35 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.7/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:30:00 PM

Lab ID: 2111C05-023

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	4000	150		mg/Kg	50	11/29/2021 6:58:55 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.7/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:32:00 PM

Lab ID: 2111C05-024

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2300	150		mg/Kg	50	11/29/2021 7:11:15 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.8/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:34:00 PM

Lab ID: 2111C05-025

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5000	150		mg/Kg	50	11/29/2021 7:23:36 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.8/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:36:00 PM

Lab ID: 2111C05-026

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3700	150		mg/Kg	50	11/29/2021 7:35:58 PM	64164

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.8/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:38:00 PM

Lab ID: 2111C05-027

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3800	150		mg/Kg	50	11/29/2021 1:48:38 PM	64170

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.9/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:40:00 PM

Lab ID: 2111C05-028

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5600	300		mg/Kg	100	11/29/2021 2:00:59 PM	64170

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.9/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:42:00 PM

Lab ID: 2111C05-029

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5100	150		mg/Kg	50	11/29/2021 2:13:20 PM	64170

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.9/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:44:00 PM

Lab ID: 2111C05-030

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2900	150		mg/Kg	50	11/29/2021 2:25:40 PM	64170

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.10/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:46:00 PM

Lab ID: 2111C05-031

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5600	300		mg/Kg	100	11/30/2021 11:34:00 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/30/2021 11:43:56 AM	64198
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/30/2021 11:43:56 AM	64198
Surr: DNOP	85.2	70-130		%Rec	1	11/30/2021 11:43:56 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/30/2021 11:00:00 AM	64183
Surr: BFB	94.2	70-130		%Rec	1	11/30/2021 11:00:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/30/2021 11:00:00 AM	64183
Toluene	ND	0.050		mg/Kg	1	11/30/2021 11:00:00 AM	64183
Ethylbenzene	ND	0.050		mg/Kg	1	11/30/2021 11:00:00 AM	64183
Xylenes, Total	ND	0.10		mg/Kg	1	11/30/2021 11:00:00 AM	64183
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	11/30/2021 11:00:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.10/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:48:00 PM

Lab ID: 2111C05-032

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5000	150		mg/Kg	50	11/30/2021 11:46:22 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/30/2021 11:54:30 AM	64198
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/30/2021 11:54:30 AM	64198
Surr: DNOP	101	70-130		%Rec	1	11/30/2021 11:54:30 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/30/2021 11:20:00 AM	64183
Surr: BFB	97.1	70-130		%Rec	1	11/30/2021 11:20:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/30/2021 11:20:00 AM	64183
Toluene	ND	0.047		mg/Kg	1	11/30/2021 11:20:00 AM	64183
Ethylbenzene	ND	0.047		mg/Kg	1	11/30/2021 11:20:00 AM	64183
Xylenes, Total	ND	0.093		mg/Kg	1	11/30/2021 11:20:00 AM	64183
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	11/30/2021 11:20:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.10/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:50:00 PM

Lab ID: 2111C05-033

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2700	150		mg/Kg	50	11/30/2021 11:58:43 AM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 12:05:06 PM	64198
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 12:05:06 PM	64198
Surr: DNOP	114	70-130		%Rec	1	11/30/2021 12:05:06 PM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/30/2021 11:39:00 AM	64183
Surr: BFB	97.5	70-130		%Rec	1	11/30/2021 11:39:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 11:39:00 AM	64183
Toluene	ND	0.048		mg/Kg	1	11/30/2021 11:39:00 AM	64183
Ethylbenzene	ND	0.048		mg/Kg	1	11/30/2021 11:39:00 AM	64183
Xylenes, Total	ND	0.096		mg/Kg	1	11/30/2021 11:39:00 AM	64183
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	11/30/2021 11:39:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.11/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:52:00 PM

Lab ID: 2111C05-034

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5900	300		mg/Kg	100	11/29/2021 2:38:01 PM	64170

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.11/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:54:00 PM

Lab ID: 2111C05-035

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5400	300		mg/Kg	100	11/29/2021 2:51:50 PM	64170

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

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

Analytical Report

Lab Order **2111C05**

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.11/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:56:00 PM

Lab ID: 2111C05-036

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5100	300		mg/Kg	100	11/29/2021 3:04:13 PM	64170

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.12/3'

Project: Johnston BE Battery

Collection Date: 11/23/2021 12:58:00 PM

Lab ID: 2111C05-037

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5300	300		mg/Kg	100	11/30/2021 12:11:04 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/30/2021 12:15:44 PM	64198
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 12:15:44 PM	64198
Surr: DNOP	103	70-130		%Rec	1	11/30/2021 12:15:44 PM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/30/2021 11:59:00 AM	64183
Surr: BFB	99.5	70-130		%Rec	1	11/30/2021 11:59:00 AM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/30/2021 11:59:00 AM	64183
Toluene	ND	0.047		mg/Kg	1	11/30/2021 11:59:00 AM	64183
Ethylbenzene	ND	0.047		mg/Kg	1	11/30/2021 11:59:00 AM	64183
Xylenes, Total	ND	0.094		mg/Kg	1	11/30/2021 11:59:00 AM	64183
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	11/30/2021 11:59:00 AM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.12/6'

Project: Johnston BE Battery

Collection Date: 11/23/2021 1:00:00 PM

Lab ID: 2111C05-038

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5400	300		mg/Kg	100	11/30/2021 11:04:36 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 12:26:26 PM	64198
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/30/2021 12:26:26 PM	64198
Surr: DNOP	114	70-130		%Rec	1	11/30/2021 12:26:26 PM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/30/2021 12:38:00 PM	64183
Surr: BFB	97.9	70-130		%Rec	1	11/30/2021 12:38:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 12:38:00 PM	64183
Toluene	ND	0.048		mg/Kg	1	11/30/2021 12:38:00 PM	64183
Ethylbenzene	ND	0.048		mg/Kg	1	11/30/2021 12:38:00 PM	64183
Xylenes, Total	ND	0.096		mg/Kg	1	11/30/2021 12:38:00 PM	64183
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	11/30/2021 12:38:00 PM	64183

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

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

Analytical Report

Lab Order 2111C05

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NWT.12/9'

Project: Johnston BE Battery

Collection Date: 11/23/2021 1:02:00 PM

Lab ID: 2111C05-039

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5700	300		mg/Kg	100	11/30/2021 11:17:00 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/30/2021 12:37:09 PM	64198
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 12:37:09 PM	64198
Surr: DNOP	99.9	70-130		%Rec	1	11/30/2021 12:37:09 PM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/30/2021 12:58:00 PM	64183
Surr: BFB	97.5	70-130		%Rec	1	11/30/2021 12:58:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 12:58:00 PM	64183
Toluene	ND	0.048		mg/Kg	1	11/30/2021 12:58:00 PM	64183
Ethylbenzene	ND	0.048		mg/Kg	1	11/30/2021 12:58:00 PM	64183
Xylenes, Total	ND	0.096		mg/Kg	1	11/30/2021 12:58:00 PM	64183
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	11/30/2021 12:58:00 PM	64183

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

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



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

December 21, 2021

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Johnston BE Battery

OrderNo.: 2112223

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 25 sample(s) on 12/3/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued December 10, 2021.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2112223**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-3

Project: Johnston BE Battery

Collection Date: 11/30/2021 10:28:00 AM

Lab ID: 2112223-001

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	290	61		mg/Kg	20	12/3/2021 4:09:15 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/3/2021 1:53:19 PM	64289
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/3/2021 1:53:19 PM	64289
Surr: DNOP	94.3	70-130		%Rec	1	12/3/2021 1:53:19 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	2.5		mg/Kg	1	12/3/2021 12:35:53 PM	G84291
Surr: BFB	101	70-130		%Rec	1	12/3/2021 12:35:53 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.012		mg/Kg	1	12/3/2021 12:35:53 PM	B84291
Toluene	ND	0.025		mg/Kg	1	12/3/2021 12:35:53 PM	B84291
Ethylbenzene	ND	0.025		mg/Kg	1	12/3/2021 12:35:53 PM	B84291
Xylenes, Total	ND	0.049		mg/Kg	1	12/3/2021 12:35:53 PM	B84291
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	12/3/2021 12:35:53 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-4

Project: Johnston BE Battery

Collection Date: 11/30/2021 1:31:00 PM

Lab ID: 2112223-002

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	240	60		mg/Kg	20	12/3/2021 4:21:37 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/3/2021 2:04:00 PM	64289
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 2:04:00 PM	64289
Surr: DNOP	87.0	70-130		%Rec	1	12/3/2021 2:04:00 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	12/3/2021 12:59:17 PM	G84291
Surr: BFB	102	70-130		%Rec	1	12/3/2021 12:59:17 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	12/3/2021 12:59:17 PM	B84291
Toluene	ND	0.040		mg/Kg	1	12/3/2021 12:59:17 PM	B84291
Ethylbenzene	ND	0.040		mg/Kg	1	12/3/2021 12:59:17 PM	B84291
Xylenes, Total	ND	0.080		mg/Kg	1	12/3/2021 12:59:17 PM	B84291
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	12/3/2021 12:59:17 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-5

Project: Johnston BE Battery

Collection Date: 11/30/2021 4:30:00 PM

Lab ID: 2112223-003

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	59		mg/Kg	20	12/3/2021 4:33:58 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/3/2021 2:14:42 PM	64289
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/3/2021 2:14:42 PM	64289
Surr: DNOP	97.4	70-130		%Rec	1	12/3/2021 2:14:42 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	2.8		mg/Kg	1	12/3/2021 1:22:38 PM	G84291
Surr: BFB	100	70-130		%Rec	1	12/3/2021 1:22:38 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.014		mg/Kg	1	12/3/2021 1:22:38 PM	B84291
Toluene	ND	0.028		mg/Kg	1	12/3/2021 1:22:38 PM	B84291
Ethylbenzene	ND	0.028		mg/Kg	1	12/3/2021 1:22:38 PM	B84291
Xylenes, Total	ND	0.056		mg/Kg	1	12/3/2021 1:22:38 PM	B84291
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	12/3/2021 1:22:38 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-6

Project: Johnston BE Battery

Collection Date: 12/1/2021 8:57:00 AM

Lab ID: 2112223-004

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	140	60		mg/Kg	20	12/3/2021 5:11:00 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/3/2021 2:25:24 PM	64289
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 2:25:24 PM	64289
Surr: DNOP	97.6	70-130		%Rec	1	12/3/2021 2:25:24 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	12/3/2021 1:45:59 PM	G84291
Surr: BFB	98.1	70-130		%Rec	1	12/3/2021 1:45:59 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	12/3/2021 1:45:59 PM	B84291
Toluene	ND	0.038		mg/Kg	1	12/3/2021 1:45:59 PM	B84291
Ethylbenzene	ND	0.038		mg/Kg	1	12/3/2021 1:45:59 PM	B84291
Xylenes, Total	ND	0.077		mg/Kg	1	12/3/2021 1:45:59 PM	B84291
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	12/3/2021 1:45:59 PM	B84291

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

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

Analytical Report

Lab Order **2112223**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-7

Project: Johnston BE Battery

Collection Date: 12/1/2021 10:00:00 AM

Lab ID: 2112223-005

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	77	60		mg/Kg	20	12/3/2021 5:23:21 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/3/2021 2:36:07 PM	64289
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/3/2021 2:36:07 PM	64289
Surr: DNOP	104	70-130		%Rec	1	12/3/2021 2:36:07 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	12/3/2021 2:09:17 PM	G84291
Surr: BFB	100	70-130		%Rec	1	12/3/2021 2:09:17 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	12/3/2021 2:09:17 PM	B84291
Toluene	ND	0.034		mg/Kg	1	12/3/2021 2:09:17 PM	B84291
Ethylbenzene	ND	0.034		mg/Kg	1	12/3/2021 2:09:17 PM	B84291
Xylenes, Total	ND	0.067		mg/Kg	1	12/3/2021 2:09:17 PM	B84291
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	12/3/2021 2:09:17 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-8

Project: Johnston BE Battery

Collection Date: 12/1/2021 11:11:00 AM

Lab ID: 2112223-006

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	200	60		mg/Kg	20	12/3/2021 5:35:43 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/3/2021 2:46:52 PM	64289
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/3/2021 2:46:52 PM	64289
Surr: DNOP	107	70-130		%Rec	1	12/3/2021 2:46:52 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	12/3/2021 2:32:40 PM	G84291
Surr: BFB	102	70-130		%Rec	1	12/3/2021 2:32:40 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	12/3/2021 2:32:40 PM	B84291
Toluene	ND	0.037		mg/Kg	1	12/3/2021 2:32:40 PM	B84291
Ethylbenzene	ND	0.037		mg/Kg	1	12/3/2021 2:32:40 PM	B84291
Xylenes, Total	ND	0.075		mg/Kg	1	12/3/2021 2:32:40 PM	B84291
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	12/3/2021 2:32:40 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-1

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:15:00 PM

Lab ID: 2112223-007

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	97	60		mg/Kg	20	12/3/2021 5:48:04 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	12/3/2021 2:57:36 PM	64289
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 2:57:36 PM	64289
Surr: DNOP	91.5	70-130		%Rec	1	12/3/2021 2:57:36 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.8		mg/Kg	1	12/3/2021 2:56:10 PM	G84291
Surr: BFB	100	70-130		%Rec	1	12/3/2021 2:56:10 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.029		mg/Kg	1	12/3/2021 2:56:10 PM	B84291
Toluene	ND	0.058		mg/Kg	1	12/3/2021 2:56:10 PM	B84291
Ethylbenzene	ND	0.058		mg/Kg	1	12/3/2021 2:56:10 PM	B84291
Xylenes, Total	ND	0.12		mg/Kg	1	12/3/2021 2:56:10 PM	B84291
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	12/3/2021 2:56:10 PM	B84291

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

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

Analytical Report

Lab Order **2112223**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-2

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:17:00 PM

Lab ID: 2112223-008

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	110	60		mg/Kg	20	12/3/2021 6:00:25 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/3/2021 3:08:22 PM	64289
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 3:08:22 PM	64289
Surr: DNOP	93.2	70-130		%Rec	1	12/3/2021 3:08:22 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	12/3/2021 4:30:19 PM	G84291
Surr: BFB	99.1	70-130		%Rec	1	12/3/2021 4:30:19 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	12/3/2021 4:30:19 PM	B84291
Toluene	ND	0.044		mg/Kg	1	12/3/2021 4:30:19 PM	B84291
Ethylbenzene	ND	0.044		mg/Kg	1	12/3/2021 4:30:19 PM	B84291
Xylenes, Total	ND	0.087		mg/Kg	1	12/3/2021 4:30:19 PM	B84291
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	12/3/2021 4:30:19 PM	B84291

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

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

Analytical Report

Lab Order **2112223**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-3

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:19:00 PM

Lab ID: 2112223-009

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	110	60		mg/Kg	20	12/3/2021 6:12:46 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/3/2021 3:19:08 PM	64289
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/3/2021 3:19:08 PM	64289
Surr: DNOP	94.6	70-130		%Rec	1	12/3/2021 3:19:08 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	12/3/2021 4:53:46 PM	G84291
Surr: BFB	98.6	70-130		%Rec	1	12/3/2021 4:53:46 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	12/3/2021 4:53:46 PM	B84291
Toluene	ND	0.039		mg/Kg	1	12/3/2021 4:53:46 PM	B84291
Ethylbenzene	ND	0.039		mg/Kg	1	12/3/2021 4:53:46 PM	B84291
Xylenes, Total	ND	0.077		mg/Kg	1	12/3/2021 4:53:46 PM	B84291
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	12/3/2021 4:53:46 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-4

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:34:00 PM

Lab ID: 2112223-010

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 6:25:07 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/3/2021 3:29:54 PM	64289
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 3:29:54 PM	64289
Surr: DNOP	87.0	70-130		%Rec	1	12/3/2021 3:29:54 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	12/3/2021 5:17:17 PM	G84291
Surr: BFB	97.3	70-130		%Rec	1	12/3/2021 5:17:17 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	12/3/2021 5:17:17 PM	B84291
Toluene	ND	0.036		mg/Kg	1	12/3/2021 5:17:17 PM	B84291
Ethylbenzene	ND	0.036		mg/Kg	1	12/3/2021 5:17:17 PM	B84291
Xylenes, Total	ND	0.072		mg/Kg	1	12/3/2021 5:17:17 PM	B84291
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	12/3/2021 5:17:17 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-5

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:37:00 PM

Lab ID: 2112223-011

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	560	60		mg/Kg	20	12/3/2021 6:37:28 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/3/2021 3:59:53 PM	64289
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 3:59:53 PM	64289
Surr: DNOP	89.2	70-130		%Rec	1	12/3/2021 3:59:53 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	12/3/2021 5:40:52 PM	G84291
Surr: BFB	96.5	70-130		%Rec	1	12/3/2021 5:40:52 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	12/3/2021 5:40:52 PM	B84291
Toluene	ND	0.037		mg/Kg	1	12/3/2021 5:40:52 PM	B84291
Ethylbenzene	ND	0.037		mg/Kg	1	12/3/2021 5:40:52 PM	B84291
Xylenes, Total	ND	0.075		mg/Kg	1	12/3/2021 5:40:52 PM	B84291
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	12/3/2021 5:40:52 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-6

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:39:00 PM

Lab ID: 2112223-012

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	460	60		mg/Kg	20	12/3/2021 6:49:49 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/3/2021 4:10:42 PM	64289
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 4:10:42 PM	64289
Surr: DNOP	112	70-130		%Rec	1	12/3/2021 4:10:42 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	12/3/2021 6:04:24 PM	G84291
Surr: BFB	96.3	70-130		%Rec	1	12/3/2021 6:04:24 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	12/3/2021 6:04:24 PM	B84291
Toluene	ND	0.039		mg/Kg	1	12/3/2021 6:04:24 PM	B84291
Ethylbenzene	ND	0.039		mg/Kg	1	12/3/2021 6:04:24 PM	B84291
Xylenes, Total	ND	0.079		mg/Kg	1	12/3/2021 6:04:24 PM	B84291
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	12/3/2021 6:04:24 PM	B84291

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

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

Page 12 of 31

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-7

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:41:00 PM

Lab ID: 2112223-013

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	84	60		mg/Kg	20	12/3/2021 7:02:09 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/3/2021 4:21:32 PM	64289
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 4:21:32 PM	64289
Surr: DNOP	94.0	70-130		%Rec	1	12/3/2021 4:21:32 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	12/3/2021 6:27:54 PM	G84291
Surr: BFB	97.3	70-130		%Rec	1	12/3/2021 6:27:54 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	12/3/2021 6:27:54 PM	B84291
Toluene	ND	0.032		mg/Kg	1	12/3/2021 6:27:54 PM	B84291
Ethylbenzene	ND	0.032		mg/Kg	1	12/3/2021 6:27:54 PM	B84291
Xylenes, Total	ND	0.063		mg/Kg	1	12/3/2021 6:27:54 PM	B84291
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	12/3/2021 6:27:54 PM	B84291

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

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

Analytical Report

Lab Order **2112223**

Date Reported: **12/21/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-8

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:43:00 PM

Lab ID: 2112223-014

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	59		mg/Kg	20	12/3/2021 7:39:12 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/3/2021 4:32:24 PM	64289
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 4:32:24 PM	64289
Surr: DNOP	91.0	70-130		%Rec	1	12/3/2021 4:32:24 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.3		mg/Kg	1	12/3/2021 6:51:22 PM	G84291
Surr: BFB	98.4	70-130		%Rec	1	12/3/2021 6:51:22 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.027		mg/Kg	1	12/3/2021 6:51:22 PM	B84291
Toluene	ND	0.053		mg/Kg	1	12/3/2021 6:51:22 PM	B84291
Ethylbenzene	ND	0.053		mg/Kg	1	12/3/2021 6:51:22 PM	B84291
Xylenes, Total	ND	0.11		mg/Kg	1	12/3/2021 6:51:22 PM	B84291
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	12/3/2021 6:51:22 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NF-9

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:45:00 PM

Lab ID: 2112223-015

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 7:51:33 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/3/2021 4:43:16 PM	64289
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 4:43:16 PM	64289
Surr: DNOP	87.6	70-130		%Rec	1	12/3/2021 4:43:16 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	12/3/2021 7:14:48 PM	G84291
Surr: BFB	99.3	70-130		%Rec	1	12/3/2021 7:14:48 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	12/3/2021 7:14:48 PM	B84291
Toluene	ND	0.044		mg/Kg	1	12/3/2021 7:14:48 PM	B84291
Ethylbenzene	ND	0.044		mg/Kg	1	12/3/2021 7:14:48 PM	B84291
Xylenes, Total	ND	0.089		mg/Kg	1	12/3/2021 7:14:48 PM	B84291
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	12/3/2021 7:14:48 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: EW-1

Project: Johnston BE Battery

Collection Date: 12/1/2021 1:54:00 PM

Lab ID: 2112223-016

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	61		mg/Kg	20	12/3/2021 8:03:54 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/3/2021 4:54:06 PM	64289
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 4:54:06 PM	64289
Surr: DNOP	71.1	70-130		%Rec	1	12/3/2021 4:54:06 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	12/3/2021 7:38:27 PM	G84291
Surr: BFB	96.8	70-130		%Rec	1	12/3/2021 7:38:27 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.026		mg/Kg	1	12/3/2021 7:38:27 PM	B84291
Toluene	ND	0.051		mg/Kg	1	12/3/2021 7:38:27 PM	B84291
Ethylbenzene	ND	0.051		mg/Kg	1	12/3/2021 7:38:27 PM	B84291
Xylenes, Total	ND	0.10		mg/Kg	1	12/3/2021 7:38:27 PM	B84291
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	12/3/2021 7:38:27 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-N-1

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:03:00 PM

Lab ID: 2112223-017

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	61		mg/Kg	20	12/3/2021 8:16:15 PM	64294
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	12/3/2021 5:04:56 PM	64289
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 5:04:56 PM	64289
Surr: DNOP	86.8	70-130		%Rec	1	12/3/2021 5:04:56 PM	64289
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/3/2021 8:01:57 PM	G84291
Surr: BFB	96.8	70-130		%Rec	1	12/3/2021 8:01:57 PM	G84291
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	12/3/2021 8:01:57 PM	B84291
Toluene	ND	0.048		mg/Kg	1	12/3/2021 8:01:57 PM	B84291
Ethylbenzene	ND	0.048		mg/Kg	1	12/3/2021 8:01:57 PM	B84291
Xylenes, Total	ND	0.095		mg/Kg	1	12/3/2021 8:01:57 PM	B84291
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	12/3/2021 8:01:57 PM	B84291

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-N-2

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:05:00 PM

Lab ID: 2112223-018

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/6/2021 1:59:26 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/4/2021 3:12:21 AM	64293
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/4/2021 3:12:21 AM	64293
Surr: DNOP	71.2	70-130		%Rec	1	12/4/2021 3:12:21 AM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	12/3/2021 9:12:04 PM	64272
Surr: BFB	99.2	70-130		%Rec	1	12/3/2021 9:12:04 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	12/3/2021 9:12:04 PM	64272
Toluene	ND	0.042		mg/Kg	1	12/3/2021 9:12:04 PM	64272
Ethylbenzene	ND	0.042		mg/Kg	1	12/3/2021 9:12:04 PM	64272
Xylenes, Total	ND	0.084		mg/Kg	1	12/3/2021 9:12:04 PM	64272
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	12/3/2021 9:12:04 PM	64272

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-N-3

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:07:00 PM

Lab ID: 2112223-019

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/6/2021 2:11:51 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/4/2021 3:22:50 AM	64293
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 3:22:50 AM	64293
Surr: DNOP	91.8	70-130		%Rec	1	12/4/2021 3:22:50 AM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	12/3/2021 9:35:38 PM	64272
Surr: BFB	97.0	70-130		%Rec	1	12/3/2021 9:35:38 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	12/3/2021 9:35:38 PM	64272
Toluene	ND	0.041		mg/Kg	1	12/3/2021 9:35:38 PM	64272
Ethylbenzene	ND	0.041		mg/Kg	1	12/3/2021 9:35:38 PM	64272
Xylenes, Total	ND	0.082		mg/Kg	1	12/3/2021 9:35:38 PM	64272
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	12/3/2021 9:35:38 PM	64272

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-N-4

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:09:00 PM

Lab ID: 2112223-020

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	240	60		mg/Kg	20	12/6/2021 2:24:15 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/4/2021 3:33:18 AM	64293
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/4/2021 3:33:18 AM	64293
Surr: DNOP	94.6	70-130		%Rec	1	12/4/2021 3:33:18 AM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	12/3/2021 9:59:08 PM	64272
Surr: BFB	100	70-130		%Rec	1	12/3/2021 9:59:08 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	12/3/2021 9:59:08 PM	64272
Toluene	ND	0.039		mg/Kg	1	12/3/2021 9:59:08 PM	64272
Ethylbenzene	ND	0.039		mg/Kg	1	12/3/2021 9:59:08 PM	64272
Xylenes, Total	ND	0.079		mg/Kg	1	12/3/2021 9:59:08 PM	64272
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	12/3/2021 9:59:08 PM	64272

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-N-5

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:11:00 PM

Lab ID: 2112223-021

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	240	60		mg/Kg	20	12/6/2021 2:36:40 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/4/2021 3:43:46 AM	64293
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 3:43:46 AM	64293
Surr: DNOP	81.5	70-130		%Rec	1	12/4/2021 3:43:46 AM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	12/3/2021 10:22:34 PM	64272
Surr: BFB	99.1	70-130		%Rec	1	12/3/2021 10:22:34 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	12/3/2021 10:22:34 PM	64272
Toluene	ND	0.039		mg/Kg	1	12/3/2021 10:22:34 PM	64272
Ethylbenzene	ND	0.039		mg/Kg	1	12/3/2021 10:22:34 PM	64272
Xylenes, Total	ND	0.078		mg/Kg	1	12/3/2021 10:22:34 PM	64272
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	12/3/2021 10:22:34 PM	64272

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-W-1

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:13:00 PM

Lab ID: 2112223-022

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	130	60		mg/Kg	20	12/6/2021 2:49:05 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/4/2021 3:54:11 AM	64293
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/4/2021 3:54:11 AM	64293
Surr: DNOP	74.0	70-130		%Rec	1	12/4/2021 3:54:11 AM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	12/3/2021 10:46:00 PM	64272
Surr: BFB	98.1	70-130		%Rec	1	12/3/2021 10:46:00 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	12/3/2021 10:46:00 PM	64272
Toluene	ND	0.039		mg/Kg	1	12/3/2021 10:46:00 PM	64272
Ethylbenzene	ND	0.039		mg/Kg	1	12/3/2021 10:46:00 PM	64272
Xylenes, Total	ND	0.078		mg/Kg	1	12/3/2021 10:46:00 PM	64272
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	12/3/2021 10:46:00 PM	64272

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-W-2

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:15:00 PM

Lab ID: 2112223-023

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	140	60		mg/Kg	20	12/6/2021 3:01:30 PM	64322
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/4/2021 4:04:33 AM	64293
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/4/2021 4:04:33 AM	64293
Surr: DNOP	75.3	70-130		%Rec	1	12/4/2021 4:04:33 AM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	12/3/2021 11:09:20 PM	64272
Surr: BFB	97.1	70-130		%Rec	1	12/3/2021 11:09:20 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	12/3/2021 11:09:20 PM	64272
Toluene	ND	0.041		mg/Kg	1	12/3/2021 11:09:20 PM	64272
Ethylbenzene	ND	0.041		mg/Kg	1	12/3/2021 11:09:20 PM	64272
Xylenes, Total	ND	0.082		mg/Kg	1	12/3/2021 11:09:20 PM	64272
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	12/3/2021 11:09:20 PM	64272

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-W-3

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:17:00 PM

Lab ID: 2112223-024

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	150	61		mg/Kg	20	12/6/2021 3:13:54 PM	64322
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/4/2021 4:14:53 AM	64293
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 4:14:53 AM	64293
Surr: DNOP	74.6	70-130		%Rec	1	12/4/2021 4:14:53 AM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	12/3/2021 11:32:48 PM	64272
Surr: BFB	95.9	70-130		%Rec	1	12/3/2021 11:32:48 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/3/2021 11:32:48 PM	64272
Toluene	ND	0.051		mg/Kg	1	12/3/2021 11:32:48 PM	64272
Ethylbenzene	ND	0.051		mg/Kg	1	12/3/2021 11:32:48 PM	64272
Xylenes, Total	ND	0.10		mg/Kg	1	12/3/2021 11:32:48 PM	64272
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	12/3/2021 11:32:48 PM	64272

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

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

Analytical Report

Lab Order 2112223

Date Reported: 12/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: NW-1*

Project: Johnston BE Battery

Collection Date: 12/1/2021 2:28:00 PM

Lab ID: 2112223-025

Matrix: MEOH (SOIL)

Received Date: 12/3/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	3000	150		mg/Kg	50	12/7/2021 3:46:06 PM	64322
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	12/6/2021 2:43:47 PM	64293
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/6/2021 2:43:47 PM	64293
Surr: DNOP	91.3	70-130		%Rec	1	12/6/2021 2:43:47 PM	64293
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	12/3/2021 11:56:15 PM	64272
Surr: BFB	97.4	70-130		%Rec	1	12/3/2021 11:56:15 PM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	12/3/2021 11:56:15 PM	64272
Toluene	ND	0.046		mg/Kg	1	12/3/2021 11:56:15 PM	64272
Ethylbenzene	ND	0.046		mg/Kg	1	12/3/2021 11:56:15 PM	64272
Xylenes, Total	ND	0.092		mg/Kg	1	12/3/2021 11:56:15 PM	64272
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	12/3/2021 11:56:15 PM	64272

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112223

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-64294	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64294	RunNo: 84298								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2960888	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64294	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64294	RunNo: 84298								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2960889	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Sample ID: MB-64298	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64298	RunNo: 84309								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2961394	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64298	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64298	RunNo: 84309								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2961395	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			

Sample ID: MB-64322	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64322	RunNo: 84319								
Prep Date: 12/6/2021	Analysis Date: 12/6/2021	SeqNo: 2962248	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64322	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64322	RunNo: 84319								
Prep Date: 12/6/2021	Analysis Date: 12/6/2021	SeqNo: 2962249	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.3	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112223

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: LCS-64289	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64289	RunNo: 83273								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2960698	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	109	68.9	135			
Surr: DNOP	4.7		5.000		94.1	70	130			

Sample ID: MB-64289	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64289	RunNo: 83273								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2960703	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		90.4	70	130			

Sample ID: MB-64293	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64293	RunNo: 83273								
Prep Date: 12/3/2021	Analysis Date: 12/4/2021	SeqNo: 2960704	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	7.9		10.00		79.1	70	130			

Sample ID: LCS-64293	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64293	RunNo: 84305								
Prep Date: 12/3/2021	Analysis Date: 12/6/2021	SeqNo: 2962352	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	97.5	68.9	135			
Surr: DNOP	4.5		5.000		90.3	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112223

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb-64272	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 64272		RunNo: 83290							
Prep Date: 12/2/2021	Analysis Date: 12/3/2021		SeqNo: 2959315		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		99.7	70	130			

Sample ID: lcs-64272	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 64272		RunNo: 83290							
Prep Date: 12/2/2021	Analysis Date: 12/3/2021		SeqNo: 2960420		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	86.5	78.6	131			
Surr: BFB	1100		1000		112	70	130			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: G84291		RunNo: 84291							
Prep Date:	Analysis Date: 12/3/2021		SeqNo: 2960426		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	980		1000		98.2	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: G84291		RunNo: 84291							
Prep Date:	Analysis Date: 12/3/2021		SeqNo: 2960427		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	78.6	131			
Surr: BFB	1100		1000		110	70	130			

Sample ID: mb-64272	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 64272		RunNo: 84291							
Prep Date: 12/2/2021	Analysis Date: 12/3/2021		SeqNo: 2960451		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		100	70	130			

Sample ID: lcs-64272	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 64272		RunNo: 84291							
Prep Date: 12/2/2021	Analysis Date: 12/3/2021		SeqNo: 2960452		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112223

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: Ics-64272	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64272	RunNo: 84291								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2960452	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	81.6	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112223

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: ics-64272	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64272	RunNo: 83290								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2959279	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.2	80	120			
Toluene	0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.8	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	70	130			

Sample ID: mb-64272	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64272	RunNo: 83290								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2959280	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		92.7	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: B84291	RunNo: 84291								
Prep Date:	Analysis Date: 12/3/2021	SeqNo: 2960479	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	0.96		1.000		96.3	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: B84291	RunNo: 84291								
Prep Date:	Analysis Date: 12/3/2021	SeqNo: 2960480	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.3	80	120			
Toluene	0.95	0.050	1.000	0	95.2	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.2	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.4	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		96.5	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112223

21-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: mb-64272	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64272	RunNo: 84291								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2960503	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	0.98		1.000		98.1	70	130			

Sample ID: LCS-64272	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64272	RunNo: 84291								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2960504	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.6	80	120			
Toluene	0.94	0.050	1.000	0	94.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.1	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.6	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2112223

RcptNo: 1

Received By: Juan Rojas 12/3/2021 8:00:00 AM

[Signature]

Completed By: Desiree Dominguez 12/3/2021 8:28:29 AM

[Signature]

Reviewed By: [Signature] 12/3/21

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: [Signature] 12/3/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

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

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
11/30/21	10:28	Soil	PL-N-3
11/30/21	13:31	Soil	PL-N-4
11/30/21	16:30	Soil	PL-N-5
12/1/21	08:57	Soil	PL-N-6
12/1/21	08:59	Soil	PL-N-7
12/1/21	13:15	Soil	PL-N-8
12/1/21	13:17	Soil	NF-4
12/1/21	13:19	Soil	NF-2
12/1/21	13:34	Soil	NF-3
12/1/21	13:34	Soil	NF-4
12/1/21	13:34	Soil	NF-5
12/1/21	13:34	Soil	NF-6

Date: 11/30/21 19:30
 Date: 12/1/21 09:00
 Relinquished by: [Signature]
 Relinquished by: [Signature]

Turn-Around Time:
 Standard Rush *24-hr.*
 Project Name:

Project #: 5375
 Project Manager: W. Kierdorf

Sampler: *Max Coors / W. Kennedy*
 On Ice: Yes No
 # of Coolers: *2*

Container Type and #
1 x 4oz Jar
 Preservative Type
Free
 Cooler Temp (including CP): *0.5-0.3 = 0.2*
 HEAL No.
2112223

Received by: *[Signature]* Date: *12/1/21* Time: *8:00*
 Received by: *[Signature]* Date: *12/1/21* Time: *8:00*



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

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

Remarks: Bill to EOG Artesia

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

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:
 Standard Rush 24 hr
 Project Name:
Justinian G.F. Buttery
 Project #: 5375

Project Manager: W. Kierdorf
 Sampler: W. Kennedy
 On Ice: Yes No
 # of Coolers: 2
 Cooler Temp (including CF): 0.5-0.3=0.2

Container Type and #
1 x 4oz Jar Ice
 Preservative Type
1.0-0.3=0.7
2112223
 HEAL No.
-013
-014
-015
-016
-017
-018
-019
-020
-021
-022
-023
-024

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

Analysis Request

Remarks: Bill to EOG Artesia

Received by: [Signature] Date: 12/21/20 Time: 8:00
 Via: air
 Received by: [Signature] Date: 12/31/21 Time: 8:00
 Via: air

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.

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:
 Standard Rush 24-hr
 Project Name:
Johnson BE Battery
 Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy
 On Ice: Yes No
 # of Coolers: 2
 Cooler Temp (including CF): 0.5-0.3=0.2

Container Type and #: 64oz jar Ice
 Preservative Type: HEAL No. 2112223
1.0-0.3=0.7
-025

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

Analysis Request

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



HALL ENVIRONMENTAL ANALYSIS LABORATORY

Date: 12/27/0800 Relinquished by: W. Kennedy
 Date: 12/27/0800 Relinquished by: W. Kennedy
 Received by: W. Kennedy Date: 12/27/0800
 Received by: W. Kennedy Date: 12/27/0800

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: clients.hallenvironmental.com

December 20, 2021

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

RE: Johnston BE Battery

OrderNo.: 2112833

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/14/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2112833**

Date Reported: **12/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: PL-N-2A

Project: Johnston BE Battery

Collection Date: 12/13/2021 11:14:00 AM

Lab ID: 2112833-001

Matrix: MEOH (SOIL)

Received Date: 12/14/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	390	60		mg/Kg	20	12/14/2021 1:05:50 PM	64488
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	7.8		mg/Kg	1	12/14/2021 11:08:51 AM	64478
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	12/14/2021 11:08:51 AM	64478
Surr: DNOP	91.2	70-130		%Rec	1	12/14/2021 11:08:51 AM	64478
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	12/14/2021 11:47:00 AM	R84502
Surr: BFB	93.0	70-130		%Rec	1	12/14/2021 11:47:00 AM	R84502
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	12/14/2021 11:47:00 AM	BS84502
Toluene	ND	0.032		mg/Kg	1	12/14/2021 11:47:00 AM	BS84502
Ethylbenzene	ND	0.032		mg/Kg	1	12/14/2021 11:47:00 AM	BS84502
Xylenes, Total	ND	0.063		mg/Kg	1	12/14/2021 11:47:00 AM	BS84502
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	12/14/2021 11:47:00 AM	BS84502

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112833

20-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB-64488	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64488	RunNo: 84525								
Prep Date: 12/14/2021	Analysis Date: 12/14/2021	SeqNo: 2971244	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64488	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64488	RunNo: 84525								
Prep Date: 12/14/2021	Analysis Date: 12/14/2021	SeqNo: 2971245	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.2	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112833

20-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: LCS-64478	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64478	RunNo: 84516								
Prep Date: 12/14/2021	Analysis Date: 12/14/2021	SeqNo: 2970114	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.6	68.9	135			
Surr: DNOP	4.3		5.000		86.3	70	130			

Sample ID: MB-64478	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64478	RunNo: 84516								
Prep Date: 12/14/2021	Analysis Date: 12/14/2021	SeqNo: 2970115	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		90.1	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112833

20-Dec-21

Client: EOG
Project: Johnston BE Battery

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: R84502	RunNo: 84502								
Prep Date:	Analysis Date: 12/14/2021	SeqNo: 2969459	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		105	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: R84502	RunNo: 84502								
Prep Date:	Analysis Date: 12/14/2021	SeqNo: 2969460	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	110	78.6	131			
Surr: BFB	1200		1000		118	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112833

20-Dec-21

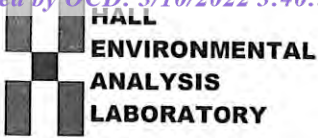
Client: EOG
Project: Johnston BE Battery

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: BS84502	RunNo: 84502								
Prep Date:	Analysis Date: 12/14/2021	SeqNo: 2969467			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	0.96		1.000		95.5	70	130			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: BS84502	RunNo: 84502								
Prep Date:	Analysis Date: 12/14/2021	SeqNo: 2969468			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.4	80	120			
Toluene	0.90	0.050	1.000	0	90.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.1	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.1	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2112833 RcptNo: 1

Received By: Desiree Dominguez 12/14/2021 8:10:00 AM

Completed By: Cheyenne Cason 12/14/2021 8:33:00 AM

Reviewed By: JO 12/14/21

Handwritten initials and signature

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: JR 12/14/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.5, Good, Not Present, , ,

ATTACHMENT 5 – HOWELL RANCH SEED
MIXTURE

James H & Betty R Howell Revocable Trust Seed Mix

1lb per acre of Plains Bristlegrass

2lbs per acre of Green Sprangletop

3lbs per acre of Side Oats Gramma

2lbs per acre of Blue Gramma

Increase to 16lbs per acre if broadcast.

Add Reclamation Mix

40% Ryegrass (Annual)

10% Millet

7.5% Kleingrass

5.7% Sideoats

5% Green Sprangletop

7.5% Bristlegrass

10% Western Wheatgrass

10% Buffalograss

2.5% Blue Grama

PLANTING RATE 20 lbs. per acre

Updated 5/23/2021

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 89381

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 89381
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	3/25/2022