



SITE REMEDIATION AND CLOSURE REPORT

**FEDERAL CW-B BATTERY
UNIT J, SECTION 1, TOWNSHIP 19S, RANGE 24E
EDDY COUNTY, NEW MEXICO
32.68706, -104.53858
RANGER REFERENCE NO. 5375**

PREPARED FOR:

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

PREPARED BY:

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

DECEMBER 18, 2023

A blue ink signature of Max Cook, consisting of stylized initials.

**Max Cook, CAPM (TX)
Senior Project Manager**

A blue ink signature of William Kierdorf, consisting of stylized initials.

**William Kierdorf, REM
Project Manager**

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FORM C-141

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1.0 SITE LOCATION AND BACKGROUND

The Federal CW-B Battery (Site) is an oil and gas facility that was historically operated by EOG Resources, Inc. (EOG). The Site is located on private land, approximately 13.4 miles southwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit J, Section 1, T19S-R24E at GPS coordinates 32.68706, -104.53858. In November 2021, operations at the subject Site were transferred from EOG to Silverback Exploration II, LLC (Silverback).

On July 2, 2020, a release was discovered originating from a water leg that had been dislodged by the wind from a gun barrel tank located in the tank battery area at the Site. Approximately two barrels (bbls) of crude oil and 13 bbls of produced water were released during the incident. Based on the volume of released fluids and nature of the release, the incident was reported to the New Mexico Oil Conservation Division (NMOCD) on July 9, 2020 (NMOCD Incident # NRM2019932835).

Initial response activities included the removal of visually impacted soils to depths ranging from approximately one and one-half feet to seven feet below ground surface (bgs). Due to the location of the release within an active tank battery, removal operations were limited by the presence of the tanks and associated production equipment. EOG retained GHD Services, Inc. (GHD) to assist with the assessment and remediation efforts associated with the incident. GHD personnel conducted assessment activities at the Site from August 2020 to October 2020. A GHD prepared *Site Characterization and Remediation Plan*, dated January 26, 2021, documented the initial response efforts, assessment activities, and proposed remedial strategies. The proposed remediation plan included the limited removal of available soils, the installation of a geosynthetic clay liner, and the request for a deferral of remediation for areas in the immediate vicinity of active production equipment. On July 20, 2021, the NMOCD denied the proposed remediation/deferral plan due to the lack of adequate delineation of the subsurface impacts and the lack of depth-to-groundwater information meeting NMOCD requirements.

In order to allow for further assessment and necessary remedial efforts at the Site, the tanks and associated equipment in the tank battery area were relocated north of the historic tank battery location in June and July, 2022. EOG also engaged Ranger Environmental Services, LLC (Ranger) to assist in the further assessment, remediation, and reclamation efforts at the Site. From August 2022 through November 2022, Ranger personnel and representatives for EOG conducted various site assessment and site characterization confirmation activities.

A Ranger prepared *Site Characterization, Assessment, and Proposed Remediation Plan* dated December 14, 2022, providing details of the additional assessment, characterization confirmation activities, and proposing a remediation plan to address the impacts at the Site was submitted to the NMOCD. On April 27, 2023, the NMOCD responded in denial of the proposed remediation plan, stating that the Site was located in a “high karst area and will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule.”

Based on the response from the NMOCD an updated *Site Characterization Update and Proposed Alternative Remediation Plan*, dated May 5, 2023, was submitted to the NMOCD. The plan included an alternative remediation strategy that included variance requests to allow for the utilization of the Table 1 19.15.29.12 NMAC (groundwater >100 feet) criteria as well as the installation of a 20-mil synthetic liner to assist in limiting potential migration of impacts associated with the incident. Due to the extended response timeframe from the NMOCD and desire to address the outstanding remedial requirements at the Site in a timely manner, limited soil removal operations were initiated at the Site in late May 2023. The initial remedial efforts included excavation limited in extent and depth as well as the collection of confirmation soil samples for laboratory analysis. Full details of the completed remedial efforts are included below.

On September 26, 2023, the NMOCD responded in denial of the proposed remedial plan outlined within the May 5, 2023 proposal. The response included denial of the requested variances to NMAC 19.15.29 and the directive that remedial efforts be completed to the most stringent NMAC 19.15.29.12 Table 1 Criteria. Based on the included directives, additional remedial efforts have been completed at the Site to meet the most stringent NMAC 19.15.29.12 Table 1 Criteria.

The following *Site Remediation and Closure Report* has been prepared to document the completed remedial soil removal operations and confirmation sampling activities.

A copy of the previously submitted Form C-141 *Release Notification, Site Assessment/Characterization and Remediation Plan* sections of Form C-141, are attached. A recent *Closure* section of form C-141 is also attached. A Topographic Map and Area Map noting the location of the subject Site and surrounding areas, and various site Maps illustrating the Site features and sampling locations, are provided in the Figures section.

2.0 SITE REMEDIATION

2.1 Initial Soil Removal and Confirmation Soil Sampling (June & July 2023)

On June 5, 2023 soil removal operations were initiated at the Site. Due to the pending NMOCD response to the remedial activities proposed in the May 5, 2023 proposal, the initial removal efforts were limited to the anticipated extent of impacts to boundaries within the NMAC 19.15.29.12 Table 1 Depth-to-Groundwater ≤50' Criteria (Table 1 Criteria). The initial removal was limited to a depth of approximately four and one-half feet.

During the excavation process, Ranger personnel collected field readings from the excavated areas utilizing an organic vapor monitor (OVM) and field chloride titration kit to assist in guiding the excavation to appropriate boundaries. Based on the observed field readings, additional excavation activities were completed as necessary in order to complete the excavation to boundaries within the applicable Table 1 criteria.



In order to assess area and confirm that the excavation had been completed to appropriate boundaries, confirmation soil samples were collected at the Site on June 15, 2023. The confirmation sample were collected from the excavation side walls and from areas completed to depths less than four feet bgs. Due to the pending response from the NMOCD in regards to the proposed remediation activities and Table 1 Closure Criteria, samples were not collected from the excavation base area completed to four and one-half feet bgs. The samples were collected as five-part composite samples in accordance with NMAC 19.15.29.12(D), with each sample representing no more than 200 square feet. During the June 15, 2023, confirmation sampling activities, a total of 27 confirmation samples were collected for laboratory analysis.

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

Upon review of laboratory analytical results of the June 15, 2023 confirmation samples, two of the 27 samples collected were documented to have TPH (GRO+DRO+MRO) concentrations in exceedance of the applicable 100 mg/Kg TPH (GRO+DRO+MRO) Table 1 Criteria. The remaining 25 samples were noted to have TPH concentrations within the applicable Table 1 Criteria. Additionally, all 27 samples were noted to have BTEX, and chloride concentrations within the applicable Table 1 Criteria.

To address the areas of elevated TPH concentrations, additional soil removal operations were conducted in the sample areas, and on July 3, 2023, two additional confirmation soil samples were collected from the over-excavated areas. Once again, both confirmation soil samples were in accordance with NMAC 19.15.29.12(D), as five-part composite samples with each sample representing no more than 200 square feet. Upon collection, both confirmation soil samples were submitted to Hall Environmental 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.

Upon review of the soil sample laboratory analytical results, all samples collected from the over-excavated areas were noted to have BTEX, TPH, and chloride results within the applicable Table 1 Criteria. Based on the June and July 2023 confirmation sampling activities, the excavation was completed to boundaries within the applicable NMAC 19.15.29.12 Table 1 Criteria as well as the Restoration, Reclamation, and Revegetation Criteria as presented in NMAC 19.15.29.13.

Due to the pending response from the NMOCD regarding the proposed remedial strategy for the Site, remedial operations were paused in order to receive a response from the NMOCD and allow for the remedial operations to be completed to the appropriate Table 1 Criteria.

2.2 Excavation Completion and Confirmation Sampling (November & December 2023)

On September 26, 2023, the NMOCD responded in denial of the proposed remedial plan outlined the May 5, 2023 proposal. The response included denial of the requested variances to NMAC 19.15.29 and the directive that remedial efforts be completed to the NMAC 19.15.29.12 Table 1 Depth-to-Groundwater $\leq 50'$ Criteria (Table 1 Criteria). In order to adhere to the NMOCD directives, remedial operations were resumed in November 2023.

Prior to the initiation of additional soil removal operations, Ranger personnel conducted assessment of the area excavated to a depth four and one-half feet bgs during the June and July 2023 removal activities. The assessment included the collection of field OVM and chloride titration readings to determine which areas were appropriate for confirmation sampling and which areas would require additional removal operations. The results of the assessment indicated that a majority of the area warranted confirmation sampling to assist to confirm if the areas were completed to appropriate boundaries. However, an area located in the vicinity of the historic release location was noted to contain discolored soils, notable hydrocarbon odors, and elevated field OVM readings. Based on the observed readings collected in the area, additional removal operations were warranted.

On November 1, 2023, Ranger personnel collected 22 confirmation soil samples in the areas observed to have field readings indicating that soil concentrations were potentially within the applicable Table 1 Criteria. The samples were collected from various locations along the excavated base area as five-part composite samples in accordance with NMAC 19.15.29.12(D), with each sample representing no more than 200 square feet. Upon review of the soil sample laboratory analytical results, all samples collected during the November 1, 2023 assessment process were noted to have BTEX, TPH and chloride concentrations within the applicable Table 1 and Restoration Criteria.

To address the area noted to have discolored soils, hydrocarbon odors, and elevated field OVM readings, soil removal operations were initiated at the Site on November 1, 2023. During the excavation process, Ranger personnel collected field readings from the excavation area utilizing an OVM and field chloride titration kit to assist in guiding excavation in the area to appropriate boundaries. Upon reaching boundaries and depths that indicated that soil concentrations were within the target Table 1 Criteria, confirmation soil samples were collected from the area. On November 14, 2023, confirmation samples were collected from the base and interior excavation wall areas not included in the November 1, 2023 confirmation sampling activities. During the November 14, 2023 sampling activities, a total of three excavation wall samples and six excavation base area soil samples were collected.

Upon review of the laboratory analytical results, all three samples collected from the interior excavation wall areas and two of the samples collected from the excavation base were noted to have TPH (GRO+DRO+MRO) concentrations in exceedance of the applicable Table 1 Criteria. To address the elevated concentrations, on December 6, 2023, over-excavation activities were completed in these sample areas and four excavation wall and four excavation base confirmation samples for laboratory analysis were once again collected in accordance with NMAC 19.15.29.12(D), with each sample representing less than 200 square feet.

Upon completion the excavated area had dimensions of approximately 108 by 96 feet and was completed to depths ranging from approximately two to 11.5 feet bgs.

A Site map depicting the final excavation boundaries and final confirmation sample location areas is attached.

2.3 Final Confirmation Sample Results

Upon review of the final confirmation sample results, all areas have been brought into attainment of the NMAC 19.15.29.12 Table 1 Depth-to-Groundwater ≤ 50 feet criteria as well as the Restoration, Reclamation and Re-Vegetation criteria detailed in NMAC 19.15.29.13. A comprehensive sample results table summarizing the laboratory sample results for all samples



collected during the remediation process is attached. Copies of the laboratory analytical reports including chain-of-custody documentation are attached.

It should be noted that prior to each confirmation sampling event, notice was provided to the NMOCD in accordance with NMAC 19.15.29.12(D). Copies of the notifications are attached.

2.3 Waste Disposal

All soils generated during the remedial excavation activities were transported and disposed of at Lea Land disposal facility in Lea County, New Mexico.

3.0 SITE CLOSURE

3.1 Site Backfill

Based on the soil sample laboratory results, the excavated area has been backfilled with clean fill material of similar type to that of which was removed.

Upon completion of the site backfill activities, the areas will be re-seeded with the surface owner directed seed mixture. A copy of the seed mixture is attached.

3.2 Closure Request

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

FORM C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NRM2019932835
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

EOG Resources, Inc.	7377
Chase Settle	575-748-1471
Chase_Settle@eogresources.com	Incident # (assigned by OCD)
105 S. 4 th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.68706 Longitude -104.53858
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Federal CW-B Battery	Site Type Battery
Date Release Discovered 07/12/2020	API# (if applicable)

Unit Letter	Section	Township	Range	County
J	1	19S	24E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 2	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 13	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

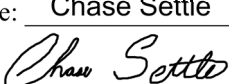
Cause of Release
Water leg on the Gun Barrel was dislodged by wind, causing a release of oil and produced water.

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Chase Settle</u>	Title: <u>Rep Safety and Environmental II</u>
Signature: <u></u>	Date: <u>07/09/2020</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>7/17/2020</u>

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Site Assessment/Characterization

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

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

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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 05/08/2023
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 05/08/2023

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Application ID	

Remediation Plan


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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental II
Signature:  Date: 01/26/2021
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 9/26/2023

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

Signature:  Date: 9/26//2023

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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: 12/18/2023
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

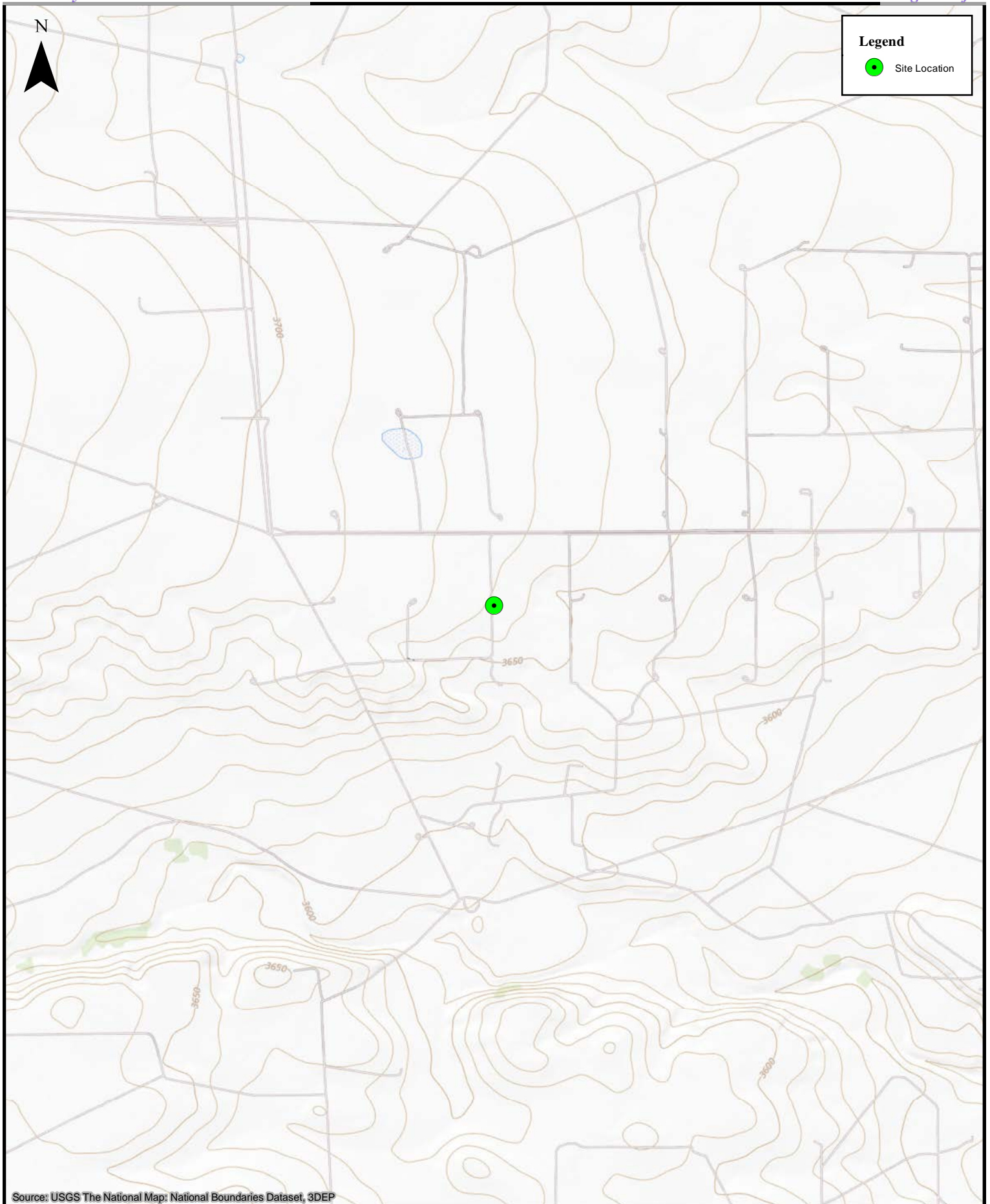
Printed Name: _____ Title: _____

FIGURES

Topographic Map

Area Map

Final Excavation Area and Confirmation Sample Location Map



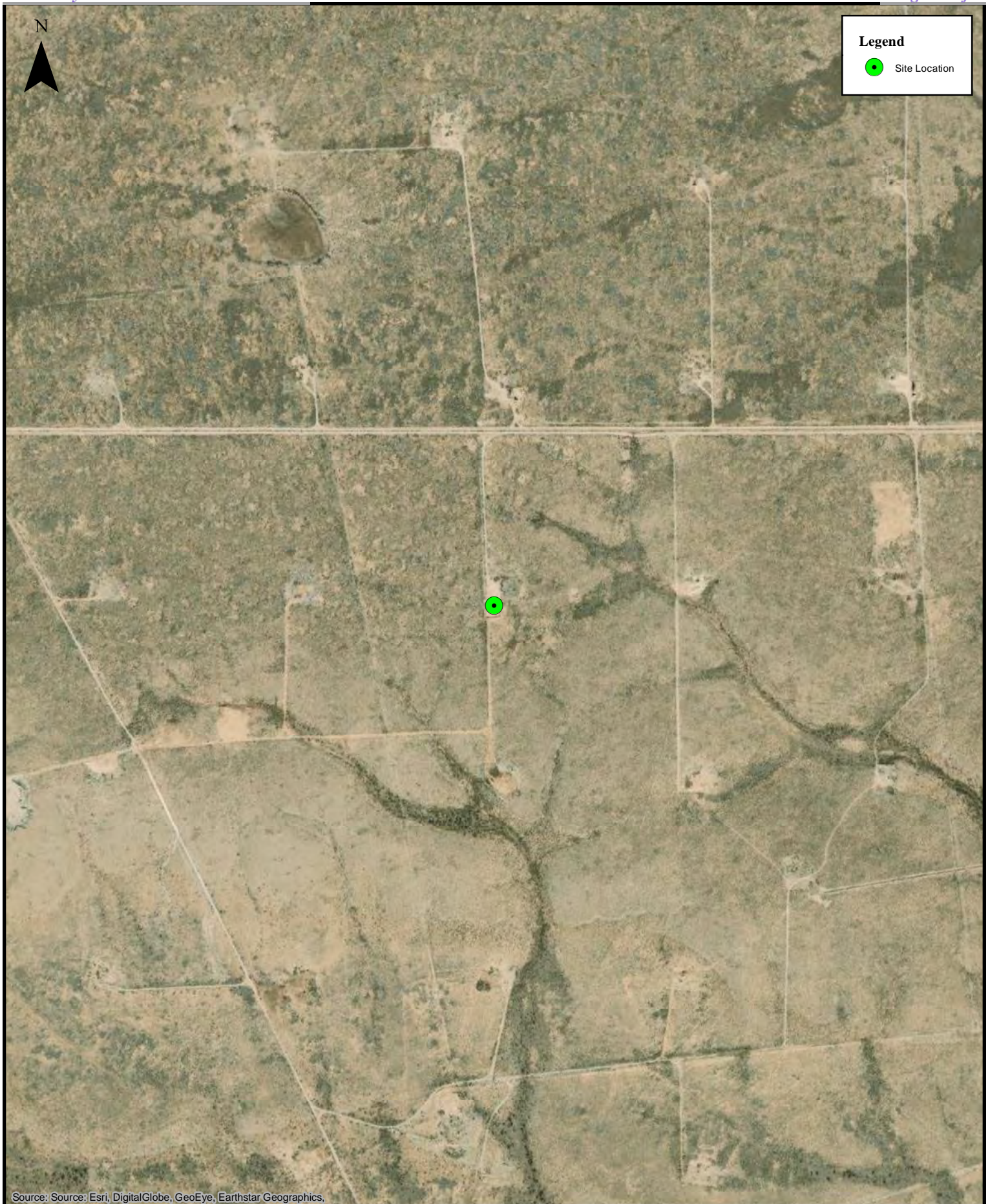
Source: USGS The National Map: National Boundaries Dataset, 3DEP



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

1:24,000

Topographic Map
Federal CW-B Battery
EOG Resources, Inc.



Source: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

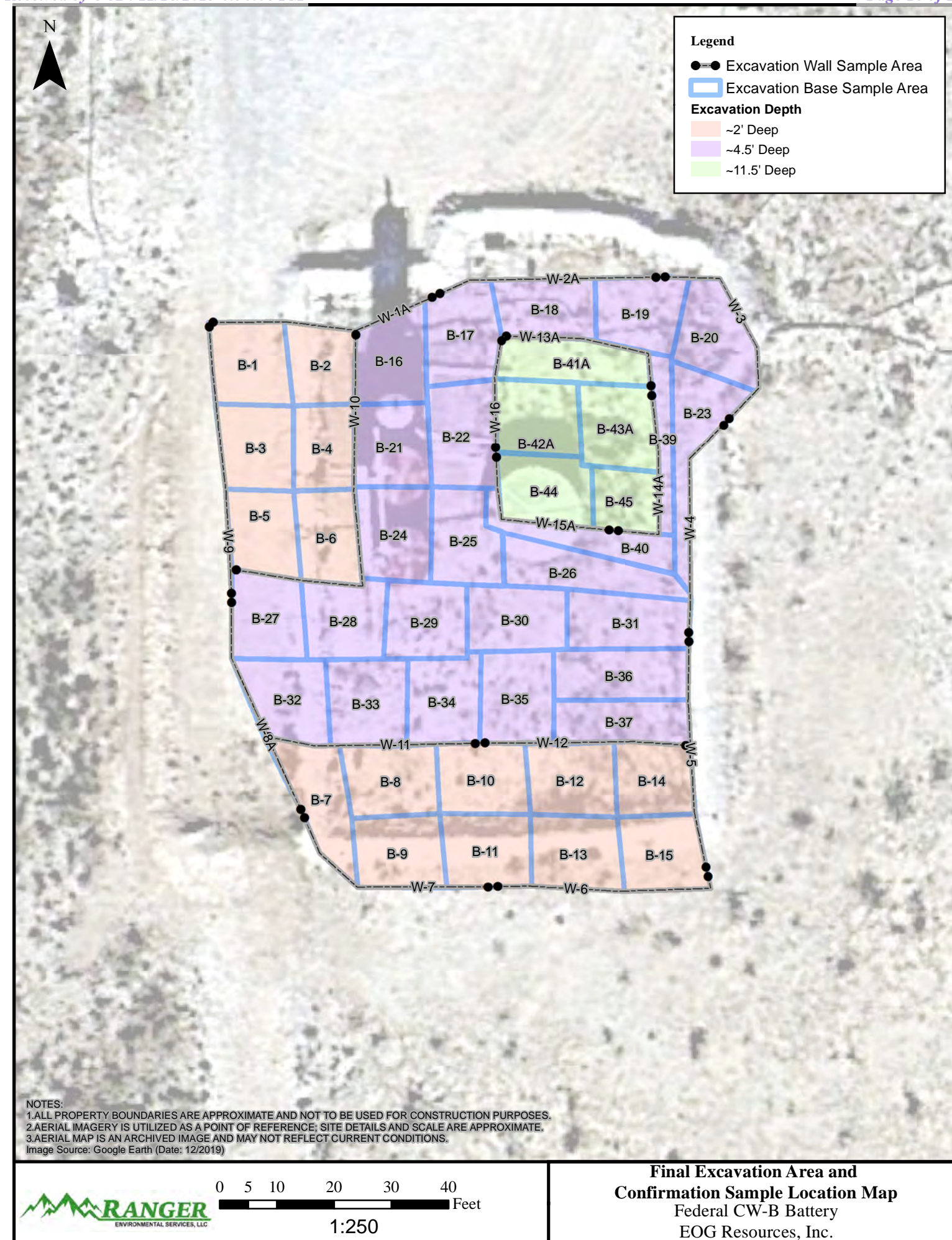


0 250 500 1,000 1,500 2,000 Feet

1:10,000

Area Map

Federal CW-B Battery
EOG Resources, Inc.



TABLES

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

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. FEDERAL CW-B 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 Sidewall Samples													
W-1	6/15/2023	0'-4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<48	<9.7	<48	360
W-1A	7/3/2023	0'-4.5'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<48	<9.7	<48	74
W-2	6/15/2023	0'-4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	20	64	20	130	270
W-2A	11/14/2023	0-4.5'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.5	<48	<9.5	<48	<60
W-3	6/15/2023	0'-4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.2	<46	<9.2	<46	310
W-4	6/15/2023	0'-4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	360
W-5	6/15/2023	0'-4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<49	<9.9	<49	380
W-6	6/15/2023	0'-2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.6	<48	<9.6	<48	140
W-7	6/15/2023	0'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	390
W-8	6/15/2023	0'-4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	94	75	94	169	250
W-8A	7/3/2023	4.5'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.6	<48	<9.6	<48	80
W-9	6/15/2023	0'-4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	16	<44	16	16	150
W-10	6/15/2023	2'-4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.6	<48	<9.6	<48	60
W-11	6/15/2023	2'-4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	410
W-12	6/15/2023	2'-4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.2	<46	<9.2	<46	140
W-13	11/14/2023	4.5'-10.5'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	44	65	44	110	<60
W-13A	12/6/2023	4.5'-11.5'	<0.023	<0.045	<0.045	<0.090	<0.09	<4.5	<9.3	<46	<9.3	<46	<60
W-14	11/14/2023	4.5'-10.5'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	72	120	72	190	350
W-14A	12/6/2023	4.5'-11.5'	<0.028	<0.056	<0.056	<0.11	<0.11	<5.6	<9.3	<47	<9.3	<47	<60
W-15	11/14/2023	4.5'-10.5'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	160	240	160	400	430
W-15A	12/6/2023	4.5'-11.5'	<0.020	<0.040	<0.040	<0.080	<0.08	<4.0	<9.4	<47	<9.4	<47	<60
W-16	12/6/2023	4.5'-11.5'	<0.020	<0.040	<0.040	<0.080	<0.08	<4.0	<9.6	<48	<9.6	<48	<60
Excavation Base Samples													
B-1	6/15/2023	2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	10	<45	10	10	250
B-2	6/15/2023	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.6	<43	<8.6	<43	63
B-3	6/15/2023	2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<8.8	<44	<8.8	<44	520
B-4	6/15/2023	2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.3	<46	<9.3	<46	190
B-5	6/15/2023	2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<50	<9.9	<50	350
B-6	6/15/2023	2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.9	<50	<9.9	<50	260
B-7	6/15/2023	2'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<8.6	<43	<8.6	<43	230
B-8	6/15/2023	2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.0	<45	<9.0	<45	180
B-9	6/15/2023	2'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.4	<47	<9.4	<47	210
B-10	6/15/2023	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.7	<49	<9.7	<49	210
B-11	6/15/2023	2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<8.7	<44	<8.7	<44	210
B-12	6/15/2023	2'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<8.4	<42	<8.4	<42	190
B-13	6/15/2023	2'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<8.6	<43	<8.6	<43	200
B-14	6/15/2023	2'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.9	<50	<9.9	<50	190
B-15	6/15/2023	2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<8.4	<42	<8.4	<42	230
B-16	11/1/2023	4.5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<50	<9.9	<50	<60
B-17	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<48	<9.7	<48	<60
B-18	11/1/2023	4.5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.7	<49	<9.7	<49	<60
B-19	11/1/2023	4.5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.4	<47	<9.4	<47	<60
B-20	11/1/2023	4.5'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	<60
B-21	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<49	<9.7	<49	<60
B-22	11/1/2023	4.5'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.9	<50	<9.9	<50	<60
B-23	11/1/2023	4.5'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.7	<48	<9.7	<48	<60
B-24	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.6	<48	<9.6	<48	<60
B-25	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.6	<48	<9.6	<48	<60
B-26	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.4	<47	<9.4	<47	<60
B-27	11/1/2023	4.5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<9.3	<46	79
B-28	11/1/2023	4.5'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.9	<50	<9.9	<50	<60
B-29	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<48	<9.7	<48	<60
B-30	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<10	<50	<10	<50	<60
B-31	11/1/2023	4.5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<47	<9.3	<47	<60
B-32	11/1/2023	4.5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<49	<9.9	<49	<60
B-33	11/1/2023	4.5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	10	<49	10	10	<60
B-34	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.1	<46	<9.1	<46	<60
B-35	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.9	<50	<9.9	<50	<60
B-36	11/1/2023	4.5'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.6	<48	<9.6	<48	<60
B-37	11/1/2023	4.5'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.9	<49	<9.9	<49	<61
B-38	11/14/2023	4.5'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<48	<9.7	<48	<60
B-39	11/14/2023	4.5'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.8	<49	<9.8	<49	<60
B-40	11/14/2023	4.5'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	23	<46	23	23	<60
B-41	11/14/2023	4.5'-10.5'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	82	170	82	250	100
B-42	11/14/2023	4.5'-10.5'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	82	170	82	250	100
B-42A	12/6/2023	11.5'	<0.022	<0.044	<0.044	<0.088	<0.09	<4.4	<9.2	<46	<9.2	<46	<60
B-43	11/14/2023	4.5'-10.5'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	130	210	130	340	260
B-43A	12/6/2023	11.5'	<0.027	<0.053	<0.053	<0.11	<0.11	<5.3	<9.6	<48	<9.6	<48	<60
B-44	12/6/2023	11.5'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<49	<9.9	<49	<59
B-45	12/6/2023	11.5'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<9.4	<47	<9.4	<47	<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)			10 ¹	---	---	---	50 ¹	---	---	---	---	100 ¹	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 that a sample area was overexcavated and a new sample was collected in the area.													

ATTACHMENT 1 – PHOTOGRAPHIC DOCUMENTATION



PHOTOGRAPH NO. 1 – A view of the excavation/remediation area at the Site during the June 2023 soil removal operations. The view is towards the west.

(Approximate GPS: 32.686936, -104.538368)



PHOTOGRAPH NO. 2 – An additional view of the excavation/remediation area at the Site upon completion of the June 2023 soil removal operations. The view is towards the northeast.

(Approximate GPS: 32.686846, -104.538749)



PHOTOGRAPH NO. 3 – A view of the soil removal operations in the area exhibiting discolored soil, hydrocarbon odors, and elevated OVM readings. The view is towards the northwest.



PHOTOGRAPH NO. 4 – A view of the site during the November 14, 2023, soil removal and confirmation sampling activities. The view is towards the southwest.



PHOTOGRAPH NO. 5 – A view of the site upon completion of the remediation process. The view is towards the southeast.



PHOTOGRAPH NO. 6 – An additional view of the site upon completion of the remediation process. The view is towards the northeast.

ATTACHMENT 2 – LABORATORY ANALYTICAL REPORTS



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

July 07, 2023

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

RE: Fed CW B Batt

OrderNo.: 2306927

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 27 sample(s) on 6/17/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-1

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:30:00 AM

Lab ID: 2306927-001

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	360	60		mg/Kg	20	6/22/2023 4:52:51 AM	75751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/20/2023 2:10:34 PM	75709
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/20/2023 2:10:34 PM	75709
Surr: DNOP	96.0	69-147		%Rec	1	6/20/2023 2:10:34 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 6:42:00 PM	75695
Surr: BFB	100	15-244		%Rec	1	6/20/2023 6:42:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/20/2023 6:42:00 PM	75695
Toluene	ND	0.048		mg/Kg	1	6/20/2023 6:42:00 PM	75695
Ethylbenzene	ND	0.048		mg/Kg	1	6/20/2023 6:42:00 PM	75695
Xylenes, Total	ND	0.095		mg/Kg	1	6/20/2023 6:42:00 PM	75695
Surr: 4-Bromofluorobenzene	96.6	39.1-146		%Rec	1	6/20/2023 6:42:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-2

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:32:00 AM

Lab ID: 2306927-002

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	270	60		mg/Kg	20	6/22/2023 5:05:16 AM	75751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	70	8.7		mg/Kg	1	6/20/2023 2:21:20 PM	75709
Motor Oil Range Organics (MRO)	64	43		mg/Kg	1	6/20/2023 2:21:20 PM	75709
Surr: DNOP	108	69-147		%Rec	1	6/20/2023 2:21:20 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 7:48:00 PM	75695
Surr: BFB	104	15-244		%Rec	1	6/20/2023 7:48:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/20/2023 7:48:00 PM	75695
Toluene	ND	0.048		mg/Kg	1	6/20/2023 7:48:00 PM	75695
Ethylbenzene	ND	0.048		mg/Kg	1	6/20/2023 7:48:00 PM	75695
Xylenes, Total	ND	0.097		mg/Kg	1	6/20/2023 7:48:00 PM	75695
Surr: 4-Bromofluorobenzene	94.8	39.1-146		%Rec	1	6/20/2023 7:48:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-3

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:34:00 AM

Lab ID: 2306927-003

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	310	60		mg/Kg	20	6/22/2023 5:17:41 AM	75751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/20/2023 4:12:47 PM	75709
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/20/2023 4:12:47 PM	75709
Surr: DNOP	83.7	69-147		%Rec	1	6/20/2023 4:12:47 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 9:38:00 PM	75695
Surr: BFB	101	15-244		%Rec	1	6/20/2023 9:38:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/20/2023 9:38:00 PM	75695
Toluene	ND	0.049		mg/Kg	1	6/20/2023 9:38:00 PM	75695
Ethylbenzene	ND	0.049		mg/Kg	1	6/20/2023 9:38:00 PM	75695
Xylenes, Total	ND	0.099		mg/Kg	1	6/20/2023 9:38:00 PM	75695
Surr: 4-Bromofluorobenzene	94.2	39.1-146		%Rec	1	6/20/2023 9:38:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-4

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:36:00 AM

Lab ID: 2306927-004

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	360	60		mg/Kg	20	6/22/2023 5:30:04 AM	75751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/20/2023 4:23:37 PM	75709
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/20/2023 4:23:37 PM	75709
Surr: DNOP	90.3	69-147		%Rec	1	6/20/2023 4:23:37 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 10:00:00 PM	75695
Surr: BFB	98.8	15-244		%Rec	1	6/20/2023 10:00:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/20/2023 10:00:00 PM	75695
Toluene	ND	0.049		mg/Kg	1	6/20/2023 10:00:00 PM	75695
Ethylbenzene	ND	0.049		mg/Kg	1	6/20/2023 10:00:00 PM	75695
Xylenes, Total	ND	0.098		mg/Kg	1	6/20/2023 10:00:00 PM	75695
Surr: 4-Bromofluorobenzene	92.1	39.1-146		%Rec	1	6/20/2023 10:00:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-5

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:38:00 AM

Lab ID: 2306927-005

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	380	60		mg/Kg	20	6/22/2023 12:11:32 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/20/2023 4:34:27 PM	75709
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/20/2023 4:34:27 PM	75709
Surr: DNOP	92.5	69-147		%Rec	1	6/20/2023 4:34:27 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/20/2023 10:22:00 PM	75695
Surr: BFB	101	15-244		%Rec	1	6/20/2023 10:22:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/20/2023 10:22:00 PM	75695
Toluene	ND	0.050		mg/Kg	1	6/20/2023 10:22:00 PM	75695
Ethylbenzene	ND	0.050		mg/Kg	1	6/20/2023 10:22:00 PM	75695
Xylenes, Total	ND	0.099		mg/Kg	1	6/20/2023 10:22:00 PM	75695
Surr: 4-Bromofluorobenzene	91.9	39.1-146		%Rec	1	6/20/2023 10:22:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-6

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:50:00 AM

Lab ID: 2306927-006

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	140	60		mg/Kg	20	6/22/2023 3:42:31 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/20/2023 4:45:16 PM	75709
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/20/2023 4:45:16 PM	75709
Surr: DNOP	89.0	69-147		%Rec	1	6/20/2023 4:45:16 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 10:44:00 PM	75695
Surr: BFB	99.7	15-244		%Rec	1	6/20/2023 10:44:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/20/2023 10:44:00 PM	75695
Toluene	ND	0.049		mg/Kg	1	6/20/2023 10:44:00 PM	75695
Ethylbenzene	ND	0.049		mg/Kg	1	6/20/2023 10:44:00 PM	75695
Xylenes, Total	ND	0.097		mg/Kg	1	6/20/2023 10:44:00 PM	75695
Surr: 4-Bromofluorobenzene	93.5	39.1-146		%Rec	1	6/20/2023 10:44:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-7

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:52:00 AM

Lab ID: 2306927-007

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	390	60		mg/Kg	20	6/22/2023 3:54:55 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/20/2023 4:56:06 PM	75709
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/20/2023 4:56:06 PM	75709
Surr: DNOP	88.7	69-147		%Rec	1	6/20/2023 4:56:06 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/20/2023 11:06:00 PM	75695
Surr: BFB	95.5	15-244		%Rec	1	6/20/2023 11:06:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/20/2023 11:06:00 PM	75695
Toluene	ND	0.050		mg/Kg	1	6/20/2023 11:06:00 PM	75695
Ethylbenzene	ND	0.050		mg/Kg	1	6/20/2023 11:06:00 PM	75695
Xylenes, Total	ND	0.10		mg/Kg	1	6/20/2023 11:06:00 PM	75695
Surr: 4-Bromofluorobenzene	91.4	39.1-146		%Rec	1	6/20/2023 11:06:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-8

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:54:00 AM

Lab ID: 2306927-008

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	250	60		mg/Kg	20	6/22/2023 4:07:20 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	94	8.9		mg/Kg	1	6/20/2023 5:07:06 PM	75709
Motor Oil Range Organics (MRO)	75	44		mg/Kg	1	6/20/2023 5:07:06 PM	75709
Surr: DNOP	97.6	69-147		%Rec	1	6/20/2023 5:07:06 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 11:28:00 PM	75695
Surr: BFB	98.7	15-244		%Rec	1	6/20/2023 11:28:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/20/2023 11:28:00 PM	75695
Toluene	ND	0.048		mg/Kg	1	6/20/2023 11:28:00 PM	75695
Ethylbenzene	ND	0.048		mg/Kg	1	6/20/2023 11:28:00 PM	75695
Xylenes, Total	ND	0.095		mg/Kg	1	6/20/2023 11:28:00 PM	75695
Surr: 4-Bromofluorobenzene	92.0	39.1-146		%Rec	1	6/20/2023 11:28:00 PM	75695

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-9

Project: Fed CW B Batt

Collection Date: 6/15/2023 9:56:00 AM

Lab ID: 2306927-009

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	150	60		mg/Kg	20	6/22/2023 4:19:44 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	16	8.7		mg/Kg	1	6/20/2023 5:43:46 PM	75709
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/20/2023 5:43:46 PM	75709
Surr: DNOP	90.6	69-147		%Rec	1	6/20/2023 5:43:46 PM	75709
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 11:50:00 PM	75695
Surr: BFB	96.8	15-244		%Rec	1	6/20/2023 11:50:00 PM	75695
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/20/2023 11:50:00 PM	75695
Toluene	ND	0.048		mg/Kg	1	6/20/2023 11:50:00 PM	75695
Ethylbenzene	ND	0.048		mg/Kg	1	6/20/2023 11:50:00 PM	75695
Xylenes, Total	ND	0.096		mg/Kg	1	6/20/2023 11:50:00 PM	75695
Surr: 4-Bromofluorobenzene	91.9	39.1-146		%Rec	1	6/20/2023 11:50:00 PM	75695

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

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

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CLIENT: EOG
Project: Fed CW B Batt
Lab ID: 2306927-010

Matrix: SOIL

Client Sample ID: W-10
Collection Date: 6/15/2023 9:58:00 AM
Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	60	60		mg/Kg	20	6/22/2023 4:32:08 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/21/2023 6:14:47 PM	75752
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/21/2023 6:14:47 PM	75752
Surr: DNOP	88.6	69-147		%Rec	1	6/21/2023 6:14:47 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/21/2023 11:14:00 AM	75735
Surr: BFB	97.1	15-244		%Rec	1	6/21/2023 11:14:00 AM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 11:14:00 AM	75735
Toluene	ND	0.048		mg/Kg	1	6/21/2023 11:14:00 AM	75735
Ethylbenzene	ND	0.048		mg/Kg	1	6/21/2023 11:14:00 AM	75735
Xylenes, Total	ND	0.096		mg/Kg	1	6/21/2023 11:14:00 AM	75735
Surr: 4-Bromofluorobenzene	93.5	39.1-146		%Rec	1	6/21/2023 11:14:00 AM	75735

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

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

Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-11

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:00:00 AM

Lab ID: 2306927-011

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	410	61		mg/Kg	20	6/22/2023 4:44:33 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/21/2023 6:25:39 PM	75752
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/21/2023 6:25:39 PM	75752
Surr: DNOP	93.8	69-147		%Rec	1	6/21/2023 6:25:39 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/21/2023 12:20:00 PM	75735
Surr: BFB	97.7	15-244		%Rec	1	6/21/2023 12:20:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/21/2023 12:20:00 PM	75735
Toluene	ND	0.049		mg/Kg	1	6/21/2023 12:20:00 PM	75735
Ethylbenzene	ND	0.049		mg/Kg	1	6/21/2023 12:20:00 PM	75735
Xylenes, Total	ND	0.098		mg/Kg	1	6/21/2023 12:20:00 PM	75735
Surr: 4-Bromofluorobenzene	92.8	39.1-146		%Rec	1	6/21/2023 12:20:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-12

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:02:00 AM

Lab ID: 2306927-012

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	140	60		mg/Kg	20	6/22/2023 4:56:57 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/21/2023 6:47:19 PM	75752
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/21/2023 6:47:19 PM	75752
Surr: DNOP	90.6	69-147		%Rec	1	6/21/2023 6:47:19 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/21/2023 1:25:00 PM	75735
Surr: BFB	102	15-244		%Rec	1	6/21/2023 1:25:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 1:25:00 PM	75735
Toluene	ND	0.048		mg/Kg	1	6/21/2023 1:25:00 PM	75735
Ethylbenzene	ND	0.048		mg/Kg	1	6/21/2023 1:25:00 PM	75735
Xylenes, Total	ND	0.096		mg/Kg	1	6/21/2023 1:25:00 PM	75735
Surr: 4-Bromofluorobenzene	94.9	39.1-146		%Rec	1	6/21/2023 1:25:00 PM	75735

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

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

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CLIENT: EOG

Client Sample ID: B-1

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:12:00 AM

Lab ID: 2306927-013

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	250	60		mg/Kg	20	6/22/2023 5:09:22 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	10	9.0		mg/Kg	1	6/21/2023 6:58:07 PM	75752
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/21/2023 6:58:07 PM	75752
Surr: DNOP	101	69-147		%Rec	1	6/21/2023 6:58:07 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/21/2023 1:47:00 PM	75735
Surr: BFB	101	15-244		%Rec	1	6/21/2023 1:47:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 1:47:00 PM	75735
Toluene	ND	0.048		mg/Kg	1	6/21/2023 1:47:00 PM	75735
Ethylbenzene	ND	0.048		mg/Kg	1	6/21/2023 1:47:00 PM	75735
Xylenes, Total	ND	0.096		mg/Kg	1	6/21/2023 1:47:00 PM	75735
Surr: 4-Bromofluorobenzene	94.4	39.1-146		%Rec	1	6/21/2023 1:47:00 PM	75735

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

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

Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-2

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:14:00 AM

Lab ID: 2306927-014

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	63	60		mg/Kg	20	6/22/2023 5:46:36 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	6/21/2023 7:08:54 PM	75752
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/21/2023 7:08:54 PM	75752
Surr: DNOP	90.6	69-147		%Rec	1	6/21/2023 7:08:54 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/21/2023 2:09:00 PM	75735
Surr: BFB	101	15-244		%Rec	1	6/21/2023 2:09:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/21/2023 2:09:00 PM	75735
Toluene	ND	0.050		mg/Kg	1	6/21/2023 2:09:00 PM	75735
Ethylbenzene	ND	0.050		mg/Kg	1	6/21/2023 2:09:00 PM	75735
Xylenes, Total	ND	0.10		mg/Kg	1	6/21/2023 2:09:00 PM	75735
Surr: 4-Bromofluorobenzene	94.6	39.1-146		%Rec	1	6/21/2023 2:09:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-3

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:16:00 AM

Lab ID: 2306927-015

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	520	60		mg/Kg	20	6/22/2023 5:59:00 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	6/21/2023 7:19:46 PM	75752
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/21/2023 7:19:46 PM	75752
Surr: DNOP	93.7	69-147		%Rec	1	6/21/2023 7:19:46 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/21/2023 2:31:00 PM	75735
Surr: BFB	100	15-244		%Rec	1	6/21/2023 2:31:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 2:31:00 PM	75735
Toluene	ND	0.048		mg/Kg	1	6/21/2023 2:31:00 PM	75735
Ethylbenzene	ND	0.048		mg/Kg	1	6/21/2023 2:31:00 PM	75735
Xylenes, Total	ND	0.095		mg/Kg	1	6/21/2023 2:31:00 PM	75735
Surr: 4-Bromofluorobenzene	95.8	39.1-146		%Rec	1	6/21/2023 2:31:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-4

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:18:00 AM

Lab ID: 2306927-016

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	190	60		mg/Kg	20	6/22/2023 6:11:25 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/21/2023 7:30:33 PM	75752
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/21/2023 7:30:33 PM	75752
Surr: DNOP	86.4	69-147		%Rec	1	6/21/2023 7:30:33 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/21/2023 2:53:00 PM	75735
Surr: BFB	103	15-244		%Rec	1	6/21/2023 2:53:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 2:53:00 PM	75735
Toluene	ND	0.048		mg/Kg	1	6/21/2023 2:53:00 PM	75735
Ethylbenzene	ND	0.048		mg/Kg	1	6/21/2023 2:53:00 PM	75735
Xylenes, Total	ND	0.097		mg/Kg	1	6/21/2023 2:53:00 PM	75735
Surr: 4-Bromofluorobenzene	96.1	39.1-146		%Rec	1	6/21/2023 2:53:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-5

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:20:00 AM

Lab ID: 2306927-017

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	350	60		mg/Kg	20	6/22/2023 6:23:49 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/21/2023 7:41:21 PM	75752
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/21/2023 7:41:21 PM	75752
Surr: DNOP	96.1	69-147		%Rec	1	6/21/2023 7:41:21 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/21/2023 3:16:00 PM	75735
Surr: BFB	104	15-244		%Rec	1	6/21/2023 3:16:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 3:16:00 PM	75735
Toluene	ND	0.048		mg/Kg	1	6/21/2023 3:16:00 PM	75735
Ethylbenzene	ND	0.048		mg/Kg	1	6/21/2023 3:16:00 PM	75735
Xylenes, Total	ND	0.096		mg/Kg	1	6/21/2023 3:16:00 PM	75735
Surr: 4-Bromofluorobenzene	96.0	39.1-146		%Rec	1	6/21/2023 3:16:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-6

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:22:00 AM

Lab ID: 2306927-018

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	260	60		mg/Kg	20	6/22/2023 6:36:14 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/22/2023 2:52:31 PM	75752
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/22/2023 2:52:31 PM	75752
Surr: DNOP	96.8	69-147		%Rec	1	6/22/2023 2:52:31 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/21/2023 3:38:00 PM	75735
Surr: BFB	100	15-244		%Rec	1	6/21/2023 3:38:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 3:38:00 PM	75735
Toluene	ND	0.049		mg/Kg	1	6/21/2023 3:38:00 PM	75735
Ethylbenzene	ND	0.049		mg/Kg	1	6/21/2023 3:38:00 PM	75735
Xylenes, Total	ND	0.097		mg/Kg	1	6/21/2023 3:38:00 PM	75735
Surr: 4-Bromofluorobenzene	95.2	39.1-146		%Rec	1	6/21/2023 3:38:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-7

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:24:00 AM

Lab ID: 2306927-019

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	230	60		mg/Kg	20	6/22/2023 6:48:38 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	6/22/2023 3:03:14 PM	75752
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/22/2023 3:03:14 PM	75752
Surr: DNOP	92.9	69-147		%Rec	1	6/22/2023 3:03:14 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/21/2023 4:00:00 PM	75735
Surr: BFB	101	15-244		%Rec	1	6/21/2023 4:00:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/21/2023 4:00:00 PM	75735
Toluene	ND	0.046		mg/Kg	1	6/21/2023 4:00:00 PM	75735
Ethylbenzene	ND	0.046		mg/Kg	1	6/21/2023 4:00:00 PM	75735
Xylenes, Total	ND	0.093		mg/Kg	1	6/21/2023 4:00:00 PM	75735
Surr: 4-Bromofluorobenzene	95.1	39.1-146		%Rec	1	6/21/2023 4:00:00 PM	75735

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

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

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CLIENT: EOG
Project: Fed CW B Batt
Lab ID: 2306927-020

Client Sample ID: B-8
Collection Date: 6/15/2023 10:26:00 AM
Received Date: 6/17/2023 7:50:00 AM

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	180	60		mg/Kg	20	6/22/2023 7:01:03 PM	75781
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/22/2023 3:13:54 PM	75752
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/22/2023 3:13:54 PM	75752
Surr: DNOP	96.8	69-147		%Rec	1	6/22/2023 3:13:54 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/21/2023 4:44:00 PM	75735
Surr: BFB	105	15-244		%Rec	1	6/21/2023 4:44:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 4:44:00 PM	75735
Toluene	ND	0.049		mg/Kg	1	6/21/2023 4:44:00 PM	75735
Ethylbenzene	ND	0.049		mg/Kg	1	6/21/2023 4:44:00 PM	75735
Xylenes, Total	ND	0.098		mg/Kg	1	6/21/2023 4:44:00 PM	75735
Surr: 4-Bromofluorobenzene	95.8	39.1-146		%Rec	1	6/21/2023 4:44:00 PM	75735

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

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

CLIENT: EOG
Project: Fed CW B Batt
Lab ID: 2306927-021

Matrix: SOIL

Client Sample ID: B-9
Collection Date: 6/15/2023 10:28:00 AM
Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	210	60		mg/Kg	20	6/22/2023 8:15:31 PM	75800
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/22/2023 3:24:35 PM	75752
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/22/2023 3:24:35 PM	75752
Surr: DNOP	98.8	69-147		%Rec	1	6/22/2023 3:24:35 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/21/2023 5:07:00 PM	75735
Surr: BFB	107	15-244		%Rec	1	6/21/2023 5:07:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/21/2023 5:07:00 PM	75735
Toluene	ND	0.047		mg/Kg	1	6/21/2023 5:07:00 PM	75735
Ethylbenzene	ND	0.047		mg/Kg	1	6/21/2023 5:07:00 PM	75735
Xylenes, Total	ND	0.094		mg/Kg	1	6/21/2023 5:07:00 PM	75735
Surr: 4-Bromofluorobenzene	97.0	39.1-146		%Rec	1	6/21/2023 5:07:00 PM	75735

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

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

Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-10

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:30:00 AM

Lab ID: 2306927-022

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	210	60		mg/Kg	20	6/22/2023 8:27:55 PM	75800
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/21/2023 8:56:34 PM	75752
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/21/2023 8:56:34 PM	75752
Surr: DNOP	90.0	69-147		%Rec	1	6/21/2023 8:56:34 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/21/2023 5:29:00 PM	75735
Surr: BFB	104	15-244		%Rec	1	6/21/2023 5:29:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/21/2023 5:29:00 PM	75735
Toluene	ND	0.050		mg/Kg	1	6/21/2023 5:29:00 PM	75735
Ethylbenzene	ND	0.050		mg/Kg	1	6/21/2023 5:29:00 PM	75735
Xylenes, Total	ND	0.099		mg/Kg	1	6/21/2023 5:29:00 PM	75735
Surr: 4-Bromofluorobenzene	94.7	39.1-146		%Rec	1	6/21/2023 5:29:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-11

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:32:00 AM

Lab ID: 2306927-023

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	210	60		mg/Kg	20	6/22/2023 8:40:20 PM	75800
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	6/21/2023 9:18:05 PM	75752
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/21/2023 9:18:05 PM	75752
Surr: DNOP	96.3	69-147		%Rec	1	6/21/2023 9:18:05 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/21/2023 5:51:00 PM	75735
Surr: BFB	104	15-244		%Rec	1	6/21/2023 5:51:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 5:51:00 PM	75735
Toluene	ND	0.049		mg/Kg	1	6/21/2023 5:51:00 PM	75735
Ethylbenzene	ND	0.049		mg/Kg	1	6/21/2023 5:51:00 PM	75735
Xylenes, Total	ND	0.098		mg/Kg	1	6/21/2023 5:51:00 PM	75735
Surr: 4-Bromofluorobenzene	96.3	39.1-146		%Rec	1	6/21/2023 5:51:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-12

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:34:00 AM

Lab ID: 2306927-024

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	190	60		mg/Kg	20	6/22/2023 8:52:45 PM	75800
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	6/22/2023 3:35:16 PM	75752
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	6/22/2023 3:35:16 PM	75752
Surr: DNOP	96.9	69-147		%Rec	1	6/22/2023 3:35:16 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/21/2023 6:13:00 PM	75735
Surr: BFB	105	15-244		%Rec	1	6/21/2023 6:13:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/21/2023 6:13:00 PM	75735
Toluene	ND	0.046		mg/Kg	1	6/21/2023 6:13:00 PM	75735
Ethylbenzene	ND	0.046		mg/Kg	1	6/21/2023 6:13:00 PM	75735
Xylenes, Total	ND	0.092		mg/Kg	1	6/21/2023 6:13:00 PM	75735
Surr: 4-Bromofluorobenzene	96.3	39.1-146		%Rec	1	6/21/2023 6:13:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-13

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:36:00 AM

Lab ID: 2306927-025

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	200	60		mg/Kg	20	6/22/2023 9:05:09 PM	75800
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	6/22/2023 3:59:34 PM	75752
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/22/2023 3:59:34 PM	75752
Surr: DNOP	97.1	69-147		%Rec	1	6/22/2023 3:59:34 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/21/2023 6:36:00 PM	75735
Surr: BFB	102	15-244		%Rec	1	6/21/2023 6:36:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/21/2023 6:36:00 PM	75735
Toluene	ND	0.047		mg/Kg	1	6/21/2023 6:36:00 PM	75735
Ethylbenzene	ND	0.047		mg/Kg	1	6/21/2023 6:36:00 PM	75735
Xylenes, Total	ND	0.094		mg/Kg	1	6/21/2023 6:36:00 PM	75735
Surr: 4-Bromofluorobenzene	96.6	39.1-146		%Rec	1	6/21/2023 6:36:00 PM	75735

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

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

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Analytical Report

Lab Order 2306927

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-14

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:38:00 AM

Lab ID: 2306927-026

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	190	60		mg/Kg	20	6/22/2023 9:17:33 PM	75800
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/21/2023 10:01:23 PM	75752
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/21/2023 10:01:23 PM	75752
Surr: DNOP	86.9	69-147		%Rec	1	6/21/2023 10:01:23 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/21/2023 6:58:00 PM	75735
Surr: BFB	102	15-244		%Rec	1	6/21/2023 6:58:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/21/2023 6:58:00 PM	75735
Toluene	ND	0.047		mg/Kg	1	6/21/2023 6:58:00 PM	75735
Ethylbenzene	ND	0.047		mg/Kg	1	6/21/2023 6:58:00 PM	75735
Xylenes, Total	ND	0.095		mg/Kg	1	6/21/2023 6:58:00 PM	75735
Surr: 4-Bromofluorobenzene	94.8	39.1-146		%Rec	1	6/21/2023 6:58:00 PM	75735

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

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

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CLIENT: EOG

Client Sample ID: B-15

Project: Fed CW B Batt

Collection Date: 6/15/2023 10:40:00 AM

Lab ID: 2306927-027

Matrix: SOIL

Received Date: 6/17/2023 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	230	60		mg/Kg	20	6/22/2023 9:29:58 PM	75800
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	6/21/2023 10:12:20 PM	75752
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	6/21/2023 10:12:20 PM	75752
Surr: DNOP	90.4	69-147		%Rec	1	6/21/2023 10:12:20 PM	75752
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/21/2023 7:20:00 PM	75735
Surr: BFB	99.5	15-244		%Rec	1	6/21/2023 7:20:00 PM	75735
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/21/2023 7:20:00 PM	75735
Toluene	ND	0.049		mg/Kg	1	6/21/2023 7:20:00 PM	75735
Ethylbenzene	ND	0.049		mg/Kg	1	6/21/2023 7:20:00 PM	75735
Xylenes, Total	ND	0.098		mg/Kg	1	6/21/2023 7:20:00 PM	75735
Surr: 4-Bromofluorobenzene	94.0	39.1-146		%Rec	1	6/21/2023 7:20:00 PM	75735

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306927

07-Jul-23

Client: EOG
Project: Fed CW B Batt

Sample ID: MB-75751	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75751	RunNo: 97644								
Prep Date: 6/21/2023	Analysis Date: 6/21/2023	SeqNo: 3550597 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75751	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75751	RunNo: 97644								
Prep Date: 6/21/2023	Analysis Date: 6/21/2023	SeqNo: 3550598 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.1	90	110			

Sample ID: MB-75781	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75781	RunNo: 97665								
Prep Date: 6/22/2023	Analysis Date: 6/22/2023	SeqNo: 3551645 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75781	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75781	RunNo: 97665								
Prep Date: 6/22/2023	Analysis Date: 6/22/2023	SeqNo: 3551646 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID: MB-75800	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75800	RunNo: 97665								
Prep Date: 6/22/2023	Analysis Date: 6/22/2023	SeqNo: 3551663 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75800	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75800	RunNo: 97665								
Prep Date: 6/22/2023	Analysis Date: 6/22/2023	SeqNo: 3551664 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.1	90	110			

Qualifiers:

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

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

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

WO#: 2306927

07-Jul-23

Client: EOG
Project: Fed CW B Batt

Sample ID: LCS-75709	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75709	RunNo: 97595								
Prep Date: 6/20/2023	Analysis Date: 6/20/2023	SeqNo: 3548225 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	79.4	61.9	130			
Surr: DNOP	4.5		5.000		90.9	69	147			

Sample ID: MB-75709	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75709	RunNo: 97595								
Prep Date: 6/20/2023	Analysis Date: 6/20/2023	SeqNo: 3548229 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	8.7		10.00		87.3	69	147			

Sample ID: LCS-75752	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75752	RunNo: 97609								
Prep Date: 6/21/2023	Analysis Date: 6/21/2023	SeqNo: 3549868 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	82.9	61.9	130			
Surr: DNOP	4.1		5.000		81.3	69	147			

Sample ID: MB-75752	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75752	RunNo: 97609								
Prep Date: 6/21/2023	Analysis Date: 6/21/2023	SeqNo: 3549869 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		90.9	69	147			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306927

07-Jul-23

Client: EOG
Project: Fed CW B Batt

Sample ID: lcs-75695	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 75695			RunNo: 97593						
Prep Date: 6/19/2023	Analysis Date: 6/20/2023			SeqNo: 3548005		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.4	70	130			
Surr: BFB	2200		1000		219	15	244			

Sample ID: mb-75695	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 75695			RunNo: 97593						
Prep Date: 6/19/2023	Analysis Date: 6/20/2023			SeqNo: 3548006		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	15	244			

Sample ID: LCS-75735	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 75735			RunNo: 97604						
Prep Date: 6/20/2023	Analysis Date: 6/21/2023			SeqNo: 3548920		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	91.1	70	130			
Surr: BFB	2100		1000		208	15	244			

Sample ID: MB-75735	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 75735			RunNo: 97604						
Prep Date: 6/20/2023	Analysis Date: 6/21/2023			SeqNo: 3548921		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		99.6	15	244			

Qualifiers:

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

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

WO#: 2306927

07-Jul-23

Client: EOG**Project:** Fed CW B Batt

Sample ID: lcs-75695	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 75695			RunNo: 97593						
Prep Date: 6/19/2023	Analysis Date: 6/20/2023			SeqNo: 3548082		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.1	70	130			
Toluene	0.99	0.050	1.000	0	98.6	70	130			
Ethylbenzene	0.99	0.050	1.000	0	99.3	70	130			
Xylenes, Total	3.0	0.10	3.000	0	99.3	70	130			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.9	39.1	146			

Sample ID: mb-75695	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 75695			RunNo: 97593						
Prep Date: 6/19/2023	Analysis Date: 6/20/2023			SeqNo: 3548083		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	39.1	146			

Sample ID: LCS-75735	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 75735			RunNo: 97604						
Prep Date: 6/20/2023	Analysis Date: 6/21/2023			SeqNo: 3548922		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	97.2	70	130			
Toluene	0.98	0.050	1.000	0	97.9	70	130			
Ethylbenzene	0.98	0.050	1.000	0	98.2	70	130			
Xylenes, Total	2.9	0.10	3.000	0	98.2	70	130			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.2	39.1	146			

Sample ID: MB-75735	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 75735			RunNo: 97604						
Prep Date: 6/20/2023	Analysis Date: 6/21/2023			SeqNo: 3548923		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		92.2	39.1	146			

Qualifiers:

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

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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2306927

RcptNo: 1

Received By: **Tracy Casarrubias** 6/17/2023 7:50:00 AM

Completed By: **Tracy Casarrubias** 6/17/2023 8:50:42 AM

Reviewed By: 206/19/23

Chain of Custody

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

Log In

- | | | | |
|--|---|--|--|
| 3. Was an attempt made to cool the samples? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 5. Sample(s) in proper container(s)? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Sufficient sample volume for indicated test(s)? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Are samples (except VOA and ONG) properly preserved? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Was preservative added to bottles? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/> |
| 9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 10. Were any sample containers received broken? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Are matrices correctly identified on Chain of Custody? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 13. Is it clear what analyses were requested? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 14. Were all holding times able to be met?
(If no, notify customer for authorization.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
- # of preserved bottles checked for pH: (<2)

Adjusted?

Checked by:

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	3.5	Good	Yes	Yogi		

Standard ☒ Rush EOG 5 Day TAT
Project Name:
Fed CW-B 84T
Project #: 5375

Project Manager: W. Kierdorf
Sampler: J. Martinez
On Ice: ☒ Yes ☐ No uppi
of Coolers: 1
Cooler Temp (including CF): 36-0.1 = 35°C

Container Type and #
Preservative Type
HEAL No.
2300922

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6-15-23	1012	Soil	B-1	1x4oz Jar	CE	013
	1014		B-2			014
	1016		B-3			015
	1018		B-4			016
	1020		B-5			017
	1022		B-6			018
	1024		B-7			019
	1026		B-8			020
	1028		B-9			021
	1030		B-10			022
	1032		B-11			023
	1034		B-12			024

Received by: Via: Date Time
Relinquished by: Relinquished by: Date Time
6-15-23 0810 6-16-23 0810
6-16-23 1900 6-17-23 0750

Remarks: Bill to EOG Artesia

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



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

July 17, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Fed CW B Batt

OrderNo.: 2307084

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/6/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

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 2307084

Date Reported: 7/17/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-1A

Project: Fed CW B Batt

Collection Date: 7/3/2023 8:20:00 AM

Lab ID: 2307084-001

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	74	60		mg/Kg	20	7/12/2023 5:57:06 PM	76143
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/12/2023 11:32:14 PM	76114
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/12/2023 11:32:14 PM	76114
Surr: DNOP	77.8	69-147		%Rec	1	7/12/2023 11:32:14 PM	76114
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/11/2023 2:37:00 AM	76060
Surr: BFB	91.5	15-244		%Rec	1	7/11/2023 2:37:00 AM	76060
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/11/2023 2:37:00 AM	76060
Toluene	ND	0.047		mg/Kg	1	7/11/2023 2:37:00 AM	76060
Ethylbenzene	ND	0.047		mg/Kg	1	7/11/2023 2:37:00 AM	76060
Xylenes, Total	ND	0.094		mg/Kg	1	7/11/2023 2:37:00 AM	76060
Surr: 4-Bromofluorobenzene	92.9	39.1-146		%Rec	1	7/11/2023 2:37:00 AM	76060

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

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

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Analytical Report

Lab Order 2307084

Date Reported: 7/17/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-8A

Project: Fed CW B Batt

Collection Date: 7/3/2023 8:24:00 AM

Lab ID: 2307084-002

Matrix: SOIL

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	80	60		mg/Kg	20	7/12/2023 6:34:20 PM	76143
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/12/2023 11:43:02 PM	76114
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/12/2023 11:43:02 PM	76114
Surr: DNOP	70.4	69-147		%Rec	1	7/12/2023 11:43:02 PM	76114
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/11/2023 3:21:00 AM	76060
Surr: BFB	92.0	15-244		%Rec	1	7/11/2023 3:21:00 AM	76060
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/11/2023 3:21:00 AM	76060
Toluene	ND	0.047		mg/Kg	1	7/11/2023 3:21:00 AM	76060
Ethylbenzene	ND	0.047		mg/Kg	1	7/11/2023 3:21:00 AM	76060
Xylenes, Total	ND	0.094		mg/Kg	1	7/11/2023 3:21:00 AM	76060
Surr: 4-Bromofluorobenzene	93.7	39.1-146		%Rec	1	7/11/2023 3:21:00 AM	76060

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307084

17-Jul-23

Client: EOG
Project: Fed CW B Batt

Sample ID: MB-76143	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 76143	RunNo: 98155								
Prep Date: 7/12/2023	Analysis Date: 7/12/2023	SeqNo: 3571714	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-76143	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 76143	RunNo: 98155								
Prep Date: 7/12/2023	Analysis Date: 7/12/2023	SeqNo: 3571715	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.7	90	110			

Qualifiers:

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307084

17-Jul-23

Client: EOG
Project: Fed CW B Batt

Sample ID: LCS-76114	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 76114		RunNo: 98153							
Prep Date: 7/11/2023	Analysis Date: 7/12/2023		SeqNo: 3571520		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	102	61.9	130			
Surr: DNOP	4.6		5.000		93.0	69	147			

Sample ID: MB-76114	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 76114		RunNo: 98153							
Prep Date: 7/11/2023	Analysis Date: 7/12/2023		SeqNo: 3571523		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		91.3	69	147			

Qualifiers:

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307084

17-Jul-23

Client: EOG

Project: Fed CW B Batt

Sample ID: lcs-76060	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 76060		RunNo: 98074							
Prep Date: 7/7/2023	Analysis Date: 7/10/2023		SeqNo: 3568761		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	81.8	70	130			
Surr: BFB	2000		1000		199	15	244			

Sample ID: mb-76060	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 76060		RunNo: 98074							
Prep Date: 7/7/2023	Analysis Date: 7/10/2023		SeqNo: 3568762		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		94.5	15	244			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307084

17-Jul-23

Client: EOG
Project: Fed CW B Batt

Sample ID: lcs-76060	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 76060			RunNo: 98074						
Prep Date: 7/7/2023	Analysis Date: 7/10/2023			SeqNo: 3568802		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	86.7	70	130			
Toluene	0.89	0.050	1.000	0	89.4	70	130			
Ethylbenzene	0.91	0.050	1.000	0	91.1	70	130			
Xylenes, Total	2.7	0.10	3.000	0	91.2	70	130			
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	39.1	146			

Sample ID: mb-76060	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 76060			RunNo: 98074						
Prep Date: 7/7/2023	Analysis Date: 7/10/2023			SeqNo: 3568803		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		93.1	39.1	146			

Qualifiers:

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

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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2307084

RcptNo: 1

Received By: Tracy Casarrubias 7/6/2023 7:35:00 AM

Completed By: Tracy Casarrubias 7/6/2023 9:00:46 AM

Reviewed By: *ju 7/6/23*

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(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: *SCM 07/06/23*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.8	Good	Yes	Morty		



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

EOG
Rush 5 DAY TAT
Fed CW-B BATT
1 of 1

Client: EOG-Artesia / Ranger Env.
Mailing Address: EOG - 105 S 4th St, Artesia NM, 86210
Ranger: PO Box 201179, Austin TX 78720
Phone #: 521-335-1785
email or Fax#: Will@RangerEnv.com
QA/QC Package: ☐ Level 4 (Full Validation)
☒ Standard
Accreditation: ☐ AZ Compliance
☒ NELAC ☐ Other
☒ EDD (Type) Excel

Project Name:
Project #: 5375
Project Manager: W. Kierdorf
Sampler: J. Martinez
On Ice: ☒ Yes ☐ No *mostly*
of Coolers: 1
Cooler Temp (including CF): 0.0-02-58-2

Container Type and #
Preservative Type
HEAL No.
1x 402 Jar ICE 001
X 002

Date Time Matrix Sample Name
7-3-23 0820 soil W-7A
7-3-23 0824 L W-8A

Date Time Relinquished by:
7-5-23 0830 [Signature]
Date Time Relinquished by:
7-5-23 0830 [Signature]

Received by: Via: Date Time
[Signature] 7/6/23 930
Received by: Via: Date Time
[Signature] 7/6/23 7:35

Remarks: Bill to EOG Artesia

Analysis Request

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

Released to Imaging: 3/20/2024 11:09:45 AM



Environment Testing

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 16, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Fed CW B Batt

OrderNo.: 2311163

Dear Will Kierdorf:

Eurofins Environment Testing South Central, LLC received 22 sample(s) on 11/3/2023 for the analyses presented in the following report.

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

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-16

Project: Fed CW B Batt

Collection Date: 11/1/2023 10:20:00 AM

Lab ID: 2311163-001

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 2:24:28 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/8/2023 9:17:22 PM	78629
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/8/2023 9:17:22 PM	78629
Surr: DNOP	95.6	69-147		%Rec	1	11/8/2023 9:17:22 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/10/2023 12:22:37 AM	78615
Surr: BFB	93.9	15-244		%Rec	1	11/10/2023 12:22:37 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	11/10/2023 12:22:37 AM	78615
Toluene	ND	0.050		mg/Kg	1	11/10/2023 12:22:37 AM	78615
Ethylbenzene	ND	0.050		mg/Kg	1	11/10/2023 12:22:37 AM	78615
Xylenes, Total	ND	0.10		mg/Kg	1	11/10/2023 12:22:37 AM	78615
Surr: 4-Bromofluorobenzene	96.2	39.1-146		%Rec	1	11/10/2023 12:22:37 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-17

Project: Fed CW B Batt

Collection Date: 11/1/2023 10:24:00 AM

Lab ID: 2311163-002

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 3:01:43 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/8/2023 9:49:37 PM	78629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2023 9:49:37 PM	78629
Surr: DNOP	116	69-147		%Rec	1	11/8/2023 9:49:37 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2023 1:33:04 AM	78615
Surr: BFB	91.9	15-244		%Rec	1	11/10/2023 1:33:04 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 1:33:04 AM	78615
Toluene	ND	0.048		mg/Kg	1	11/10/2023 1:33:04 AM	78615
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2023 1:33:04 AM	78615
Xylenes, Total	ND	0.096		mg/Kg	1	11/10/2023 1:33:04 AM	78615
Surr: 4-Bromofluorobenzene	95.7	39.1-146		%Rec	1	11/10/2023 1:33:04 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-18

Project: Fed CW B Batt

Collection Date: 11/1/2023 10:26:00 AM

Lab ID: 2311163-003

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 3:14:07 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/8/2023 10:00:20 PM	78629
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/8/2023 10:00:20 PM	78629
Surr: DNOP	129	69-147		%Rec	1	11/8/2023 10:00:20 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/10/2023 2:43:18 AM	78615
Surr: BFB	93.7	15-244		%Rec	1	11/10/2023 2:43:18 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	11/10/2023 2:43:18 AM	78615
Toluene	ND	0.050		mg/Kg	1	11/10/2023 2:43:18 AM	78615
Ethylbenzene	ND	0.050		mg/Kg	1	11/10/2023 2:43:18 AM	78615
Xylenes, Total	ND	0.099		mg/Kg	1	11/10/2023 2:43:18 AM	78615
Surr: 4-Bromofluorobenzene	96.6	39.1-146		%Rec	1	11/10/2023 2:43:18 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-19

Project: Fed CW B Batt

Collection Date: 11/1/2023 10:30:00 AM

Lab ID: 2311163-004

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 3:26:31 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/8/2023 10:11:03 PM	78629
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2023 10:11:03 PM	78629
Surr: DNOP	122	69-147		%Rec	1	11/8/2023 10:11:03 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/10/2023 3:06:44 AM	78615
Surr: BFB	93.8	15-244		%Rec	1	11/10/2023 3:06:44 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	11/10/2023 3:06:44 AM	78615
Toluene	ND	0.050		mg/Kg	1	11/10/2023 3:06:44 AM	78615
Ethylbenzene	ND	0.050		mg/Kg	1	11/10/2023 3:06:44 AM	78615
Xylenes, Total	ND	0.099		mg/Kg	1	11/10/2023 3:06:44 AM	78615
Surr: 4-Bromofluorobenzene	97.9	39.1-146		%Rec	1	11/10/2023 3:06:44 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-20

Project: Fed CW B Batt

Collection Date: 11/1/2023 10:32:00 AM

Lab ID: 2311163-005

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 3:38:55 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/8/2023 10:21:43 PM	78629
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/8/2023 10:21:43 PM	78629
Surr: DNOP	106	69-147		%Rec	1	11/8/2023 10:21:43 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/10/2023 3:30:07 AM	78615
Surr: BFB	92.6	15-244		%Rec	1	11/10/2023 3:30:07 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 3:30:07 AM	78615
Toluene	ND	0.049		mg/Kg	1	11/10/2023 3:30:07 AM	78615
Ethylbenzene	ND	0.049		mg/Kg	1	11/10/2023 3:30:07 AM	78615
Xylenes, Total	ND	0.097		mg/Kg	1	11/10/2023 3:30:07 AM	78615
Surr: 4-Bromofluorobenzene	96.5	39.1-146		%Rec	1	11/10/2023 3:30:07 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-21

Project: Fed CW B Batt

Collection Date: 11/1/2023 10:34:00 AM

Lab ID: 2311163-006

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 4:16:10 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/8/2023 10:32:23 PM	78629
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/8/2023 10:32:23 PM	78629
Surr: DNOP	118	69-147		%Rec	1	11/8/2023 10:32:23 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2023 3:53:32 AM	78615
Surr: BFB	92.4	15-244		%Rec	1	11/10/2023 3:53:32 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 3:53:32 AM	78615
Toluene	ND	0.048		mg/Kg	1	11/10/2023 3:53:32 AM	78615
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2023 3:53:32 AM	78615
Xylenes, Total	ND	0.097		mg/Kg	1	11/10/2023 3:53:32 AM	78615
Surr: 4-Bromofluorobenzene	95.6	39.1-146		%Rec	1	11/10/2023 3:53:32 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-22

Project: Fed CW B Batt

Collection Date: 11/1/2023 10:36:00 AM

Lab ID: 2311163-007

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 4:28:35 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/8/2023 10:43:03 PM	78629
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/8/2023 10:43:03 PM	78629
Surr: DNOP	101	69-147		%Rec	1	11/8/2023 10:43:03 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/10/2023 4:16:56 AM	78615
Surr: BFB	91.0	15-244		%Rec	1	11/10/2023 4:16:56 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 4:16:56 AM	78615
Toluene	ND	0.049		mg/Kg	1	11/10/2023 4:16:56 AM	78615
Ethylbenzene	ND	0.049		mg/Kg	1	11/10/2023 4:16:56 AM	78615
Xylenes, Total	ND	0.098		mg/Kg	1	11/10/2023 4:16:56 AM	78615
Surr: 4-Bromofluorobenzene	94.6	39.1-146		%Rec	1	11/10/2023 4:16:56 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-23

Project: Fed CW B Batt

Collection Date: 11/1/2023 1:20:00 PM

Lab ID: 2311163-008

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 4:41:00 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/8/2023 10:53:41 PM	78629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2023 10:53:41 PM	78629
Surr: DNOP	102	69-147		%Rec	1	11/8/2023 10:53:41 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/10/2023 4:40:19 AM	78615
Surr: BFB	92.5	15-244		%Rec	1	11/10/2023 4:40:19 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 4:40:19 AM	78615
Toluene	ND	0.047		mg/Kg	1	11/10/2023 4:40:19 AM	78615
Ethylbenzene	ND	0.047		mg/Kg	1	11/10/2023 4:40:19 AM	78615
Xylenes, Total	ND	0.095		mg/Kg	1	11/10/2023 4:40:19 AM	78615
Surr: 4-Bromofluorobenzene	96.2	39.1-146		%Rec	1	11/10/2023 4:40:19 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-24

Project: Fed CW B Batt

Collection Date: 11/1/2023 1:24:00 PM

Lab ID: 2311163-009

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 4:53:25 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/8/2023 11:14:48 PM	78629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2023 11:14:48 PM	78629
Surr: DNOP	108	69-147		%Rec	1	11/8/2023 11:14:48 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2023 5:03:40 AM	78615
Surr: BFB	89.5	15-244		%Rec	1	11/10/2023 5:03:40 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 5:03:40 AM	78615
Toluene	ND	0.048		mg/Kg	1	11/10/2023 5:03:40 AM	78615
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2023 5:03:40 AM	78615
Xylenes, Total	ND	0.096		mg/Kg	1	11/10/2023 5:03:40 AM	78615
Surr: 4-Bromofluorobenzene	93.8	39.1-146		%Rec	1	11/10/2023 5:03:40 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-25

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:00:00 AM

Lab ID: 2311163-010

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 5:55:27 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/8/2023 11:25:24 PM	78629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2023 11:25:24 PM	78629
Surr: DNOP	121	69-147		%Rec	1	11/8/2023 11:25:24 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2023 5:27:01 AM	78615
Surr: BFB	92.7	15-244		%Rec	1	11/10/2023 5:27:01 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 5:27:01 AM	78615
Toluene	ND	0.048		mg/Kg	1	11/10/2023 5:27:01 AM	78615
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2023 5:27:01 AM	78615
Xylenes, Total	ND	0.097		mg/Kg	1	11/10/2023 5:27:01 AM	78615
Surr: 4-Bromofluorobenzene	96.0	39.1-146		%Rec	1	11/10/2023 5:27:01 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-26

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:02:00 AM

Lab ID: 2311163-011

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 3:20:40 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/8/2023 11:35:59 PM	78629
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2023 11:35:59 PM	78629
Surr: DNOP	108	69-147		%Rec	1	11/8/2023 11:35:59 PM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2023 6:13:40 AM	78615
Surr: BFB	90.0	15-244		%Rec	1	11/10/2023 6:13:40 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 6:13:40 AM	78615
Toluene	ND	0.048		mg/Kg	1	11/10/2023 6:13:40 AM	78615
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2023 6:13:40 AM	78615
Xylenes, Total	ND	0.097		mg/Kg	1	11/10/2023 6:13:40 AM	78615
Surr: 4-Bromofluorobenzene	94.7	39.1-146		%Rec	1	11/10/2023 6:13:40 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-27

Project: Fed CW B Batt

Collection Date: 11/1/2023 1:40:00 PM

Lab ID: 2311163-012

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	79	60		mg/Kg	20	11/9/2023 4:06:11 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/9/2023 12:16:13 AM	78629
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/9/2023 12:16:13 AM	78629
Surr: DNOP	101	69-147		%Rec	1	11/9/2023 12:16:13 AM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/10/2023 6:36:59 AM	78615
Surr: BFB	90.1	15-244		%Rec	1	11/10/2023 6:36:59 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	11/10/2023 6:36:59 AM	78615
Toluene	ND	0.050		mg/Kg	1	11/10/2023 6:36:59 AM	78615
Ethylbenzene	ND	0.050		mg/Kg	1	11/10/2023 6:36:59 AM	78615
Xylenes, Total	ND	0.10		mg/Kg	1	11/10/2023 6:36:59 AM	78615
Surr: 4-Bromofluorobenzene	94.4	39.1-146		%Rec	1	11/10/2023 6:36:59 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-28

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:04:00 AM

Lab ID: 2311163-013

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 4:23:56 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/9/2023 12:26:48 AM	78629
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/9/2023 12:26:48 AM	78629
Surr: DNOP	99.5	69-147		%Rec	1	11/9/2023 12:26:48 AM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/10/2023 7:00:18 AM	78615
Surr: BFB	92.0	15-244		%Rec	1	11/10/2023 7:00:18 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	11/10/2023 7:00:18 AM	78615
Toluene	ND	0.047		mg/Kg	1	11/10/2023 7:00:18 AM	78615
Ethylbenzene	ND	0.047		mg/Kg	1	11/10/2023 7:00:18 AM	78615
Xylenes, Total	ND	0.094		mg/Kg	1	11/10/2023 7:00:18 AM	78615
Surr: 4-Bromofluorobenzene	96.6	39.1-146		%Rec	1	11/10/2023 7:00:18 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-29

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:10:00 AM

Lab ID: 2311163-014

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 5:11:59 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/9/2023 12:37:21 AM	78629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/9/2023 12:37:21 AM	78629
Surr: DNOP	98.3	69-147		%Rec	1	11/9/2023 12:37:21 AM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2023 7:23:36 AM	78615
Surr: BFB	91.1	15-244		%Rec	1	11/10/2023 7:23:36 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 7:23:36 AM	78615
Toluene	ND	0.048		mg/Kg	1	11/10/2023 7:23:36 AM	78615
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2023 7:23:36 AM	78615
Xylenes, Total	ND	0.096		mg/Kg	1	11/10/2023 7:23:36 AM	78615
Surr: 4-Bromofluorobenzene	95.6	39.1-146		%Rec	1	11/10/2023 7:23:36 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-30

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:12:00 AM

Lab ID: 2311163-015

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 5:57:27 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/9/2023 12:47:52 AM	78629
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/9/2023 12:47:52 AM	78629
Surr: DNOP	102	69-147		%Rec	1	11/9/2023 12:47:52 AM	78629
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2023 7:46:57 AM	78615
Surr: BFB	94.6	15-244		%Rec	1	11/10/2023 7:46:57 AM	78615
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/10/2023 7:46:57 AM	78615
Toluene	ND	0.048		mg/Kg	1	11/10/2023 7:46:57 AM	78615
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2023 7:46:57 AM	78615
Xylenes, Total	ND	0.095		mg/Kg	1	11/10/2023 7:46:57 AM	78615
Surr: 4-Bromofluorobenzene	96.0	39.1-146		%Rec	1	11/10/2023 7:46:57 AM	78615

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-31

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:14:00 AM

Lab ID: 2311163-016

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 6:12:37 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/9/2023 4:07:12 AM	78631
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/9/2023 4:07:12 AM	78631
Surr: DNOP	99.1	69-147		%Rec	1	11/9/2023 4:07:12 AM	78631
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/11/2023 11:37:00 AM	78619
Surr: BFB	105	15-244		%Rec	1	11/11/2023 11:37:00 AM	78619
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	11/11/2023 11:37:00 AM	78619
Toluene	ND	0.050		mg/Kg	1	11/11/2023 11:37:00 AM	78619
Ethylbenzene	ND	0.050		mg/Kg	1	11/11/2023 11:37:00 AM	78619
Xylenes, Total	ND	0.10		mg/Kg	1	11/11/2023 11:37:00 AM	78619
Surr: 4-Bromofluorobenzene	97.1	39.1-146		%Rec	1	11/11/2023 11:37:00 AM	78619

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-32

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:40:00 AM

Lab ID: 2311163-017

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 6:27:46 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/9/2023 4:30:53 AM	78631
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 4:30:53 AM	78631
Surr: DNOP	78.0	69-147		%Rec	1	11/9/2023 4:30:53 AM	78631
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/11/2023 12:42:00 PM	78619
Surr: BFB	109	15-244		%Rec	1	11/11/2023 12:42:00 PM	78619
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	11/11/2023 12:42:00 PM	78619
Toluene	ND	0.050		mg/Kg	1	11/11/2023 12:42:00 PM	78619
Ethylbenzene	ND	0.050		mg/Kg	1	11/11/2023 12:42:00 PM	78619
Xylenes, Total	ND	0.099		mg/Kg	1	11/11/2023 12:42:00 PM	78619
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	11/11/2023 12:42:00 PM	78619

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-33

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:42:00 AM

Lab ID: 2311163-018

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 7:13:13 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	10	9.9		mg/Kg	1	11/9/2023 4:54:34 AM	78631
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 4:54:34 AM	78631
Surr: DNOP	94.4	69-147		%Rec	1	11/9/2023 4:54:34 AM	78631
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/11/2023 1:04:00 PM	78619
Surr: BFB	107	15-244		%Rec	1	11/11/2023 1:04:00 PM	78619
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	11/11/2023 1:04:00 PM	78619
Toluene	ND	0.050		mg/Kg	1	11/11/2023 1:04:00 PM	78619
Ethylbenzene	ND	0.050		mg/Kg	1	11/11/2023 1:04:00 PM	78619
Xylenes, Total	ND	0.10		mg/Kg	1	11/11/2023 1:04:00 PM	78619
Surr: 4-Bromofluorobenzene	103	39.1-146		%Rec	1	11/11/2023 1:04:00 PM	78619

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-34

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:44:00 AM

Lab ID: 2311163-019

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	11/9/2023 7:28:22 PM	78678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/9/2023 5:18:13 AM	78631
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/9/2023 5:18:13 AM	78631
Surr: DNOP	110	69-147		%Rec	1	11/9/2023 5:18:13 AM	78631
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/11/2023 1:26:00 PM	78619
Surr: BFB	101	15-244		%Rec	1	11/11/2023 1:26:00 PM	78619
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	11/11/2023 1:26:00 PM	78619
Toluene	ND	0.048		mg/Kg	1	11/11/2023 1:26:00 PM	78619
Ethylbenzene	ND	0.048		mg/Kg	1	11/11/2023 1:26:00 PM	78619
Xylenes, Total	ND	0.095		mg/Kg	1	11/11/2023 1:26:00 PM	78619
Surr: 4-Bromofluorobenzene	98.0	39.1-146		%Rec	1	11/11/2023 1:26:00 PM	78619

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-35

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:46:00 AM

Lab ID: 2311163-020

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 6:32:42 PM	78694
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/9/2023 5:41:52 AM	78631
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/9/2023 5:41:52 AM	78631
Surr: DNOP	74.9	69-147		%Rec	1	11/9/2023 5:41:52 AM	78631
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/11/2023 1:48:00 PM	78619
Surr: BFB	104	15-244		%Rec	1	11/11/2023 1:48:00 PM	78619
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	11/11/2023 1:48:00 PM	78619
Toluene	ND	0.048		mg/Kg	1	11/11/2023 1:48:00 PM	78619
Ethylbenzene	ND	0.048		mg/Kg	1	11/11/2023 1:48:00 PM	78619
Xylenes, Total	ND	0.095		mg/Kg	1	11/11/2023 1:48:00 PM	78619
Surr: 4-Bromofluorobenzene	98.3	39.1-146		%Rec	1	11/11/2023 1:48:00 PM	78619

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-36

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:48:00 AM

Lab ID: 2311163-021

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	60		mg/Kg	20	11/9/2023 6:45:06 PM	78694
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/9/2023 6:05:33 AM	78631
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/9/2023 6:05:33 AM	78631
Surr: DNOP	76.4	69-147		%Rec	1	11/9/2023 6:05:33 AM	78631
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/11/2023 2:31:00 PM	78619
Surr: BFB	102	15-244		%Rec	1	11/11/2023 2:31:00 PM	78619
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	11/11/2023 2:31:00 PM	78619
Toluene	ND	0.048		mg/Kg	1	11/11/2023 2:31:00 PM	78619
Ethylbenzene	ND	0.048		mg/Kg	1	11/11/2023 2:31:00 PM	78619
Xylenes, Total	ND	0.097		mg/Kg	1	11/11/2023 2:31:00 PM	78619
Surr: 4-Bromofluorobenzene	99.1	39.1-146		%Rec	1	11/11/2023 2:31:00 PM	78619

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

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

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Analytical Report

Lab Order 2311163

Date Reported: 11/16/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-37

Project: Fed CW B Batt

Collection Date: 11/1/2023 11:50:00 AM

Lab ID: 2311163-022

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	ND	61		mg/Kg	20	11/9/2023 6:57:31 PM	78694
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/9/2023 6:29:13 AM	78631
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 6:29:13 AM	78631
Surr: DNOP	76.8	69-147		%Rec	1	11/9/2023 6:29:13 AM	78631
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/11/2023 2:53:00 PM	78619
Surr: BFB	105	15-244		%Rec	1	11/11/2023 2:53:00 PM	78619
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	11/11/2023 2:53:00 PM	78619
Toluene	ND	0.049		mg/Kg	1	11/11/2023 2:53:00 PM	78619
Ethylbenzene	ND	0.049		mg/Kg	1	11/11/2023 2:53:00 PM	78619
Xylenes, Total	ND	0.097		mg/Kg	1	11/11/2023 2:53:00 PM	78619
Surr: 4-Bromofluorobenzene	101	39.1-146		%Rec	1	11/11/2023 2:53:00 PM	78619

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311163

16-Nov-23

Client: EOG
Project: Fed CW B Batt

Sample ID: MB-78677	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 78677	RunNo: 101073								
Prep Date: 11/9/2023	Analysis Date: 11/9/2023	SeqNo: 3711665 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-78677	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 78677	RunNo: 101073								
Prep Date: 11/9/2023	Analysis Date: 11/9/2023	SeqNo: 3711666 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: MB-78694	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 78694	RunNo: 101073								
Prep Date: 11/9/2023	Analysis Date: 11/9/2023	SeqNo: 3711697 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-78694	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 78694	RunNo: 101073								
Prep Date: 11/9/2023	Analysis Date: 11/9/2023	SeqNo: 3711698 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.3	90	110			

Sample ID: MB-78678	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 78678	RunNo: 101078								
Prep Date: 11/9/2023	Analysis Date: 11/9/2023	SeqNo: 3712639 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-78678	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 78678	RunNo: 101078								
Prep Date: 11/9/2023	Analysis Date: 11/9/2023	SeqNo: 3712640 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

Qualifiers:

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

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

WO#: 2311163

16-Nov-23

Client: EOG
Project: Fed CW B Batt

Sample ID: MB-78629	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 78629	RunNo: 101039								
Prep Date: 11/7/2023	Analysis Date: 11/8/2023	SeqNo: 3709194 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		91.3	69	147			

Sample ID: LCS-78629	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 78629	RunNo: 101039								
Prep Date: 11/7/2023	Analysis Date: 11/8/2023	SeqNo: 3710003 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	108	61.9	130			
Surr: DNOP	4.0		5.000		79.3	69	147			

Sample ID: MB-78631	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 78631	RunNo: 101039								
Prep Date: 11/7/2023	Analysis Date: 11/9/2023	SeqNo: 3710036 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	8.1		10.00		81.2	69	147			

Sample ID: LCS-78631	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 78631	RunNo: 101039								
Prep Date: 11/7/2023	Analysis Date: 11/9/2023	SeqNo: 3710037 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	111	61.9	130			
Surr: DNOP	3.8		5.000		75.6	69	147			

Qualifiers:

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

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

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

WO#: 2311163

16-Nov-23

Client: EOG
Project: Fed CW B Batt

Sample ID: lcs-78615	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 78615			RunNo: 101030						
Prep Date: 11/7/2023	Analysis Date: 11/8/2023			SeqNo: 3708992		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.7	70	130			
Surr: BFB	2000		1000		198	15	244			

Sample ID: mb-78615	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 78615			RunNo: 101030						
Prep Date: 11/7/2023	Analysis Date: 11/8/2023			SeqNo: 3708993		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	930		1000		93.3	15	244			

Sample ID: lcs-78619	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 78619			RunNo: 101095						
Prep Date: 11/7/2023	Analysis Date: 11/11/2023			SeqNo: 3713277		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	90.0	70	130			
Surr: BFB	2300		1000		235	15	244			

Sample ID: mb-78619	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 78619			RunNo: 101095						
Prep Date: 11/7/2023	Analysis Date: 11/11/2023			SeqNo: 3713278		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		102	15	244			

Qualifiers:

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

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

Page 25 of 26

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

WO#: 2311163

16-Nov-23

Client: EOG**Project:** Fed CW B Batt

Sample ID: LCS-78615	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 78615		RunNo: 101030							
Prep Date: 11/7/2023	Analysis Date: 11/8/2023		SeqNo: 3708996		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	96.8	70	130			
Toluene	0.98	0.050	1.000	0	97.6	70	130			
Ethylbenzene	0.99	0.050	1.000	0	98.6	70	130			
Xylenes, Total	3.0	0.10	3.000	0	99.7	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	39.1	146			

Sample ID: mb-78615	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 78615		RunNo: 101030							
Prep Date: 11/7/2023	Analysis Date: 11/8/2023		SeqNo: 3708997		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		96.4	39.1	146			

Sample ID: lcs-78619	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 78619		RunNo: 101095							
Prep Date: 11/7/2023	Analysis Date: 11/11/2023		SeqNo: 3713318		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	107	70	130			
Toluene	1.1	0.050	1.000	0	106	70	130			
Ethylbenzene	1.1	0.050	1.000	0	108	70	130			
Xylenes, Total	3.3	0.10	3.000	0	109	70	130			
Surr: 4-Bromofluorobenzene	0.98		1.000		97.9	39.1	146			

Sample ID: mb-78619	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 78619		RunNo: 101095							
Prep Date: 11/7/2023	Analysis Date: 11/11/2023		SeqNo: 3713319		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		96.6	39.1	146			

Qualifiers:

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

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

Page 98 of 150
Received by OCD: 12/18/2023 4:36:08 PM
Released to Imaging: 3/20/2024 11:09:45 AM



Environment Testin

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EOG Work Order Number: 2311163 RcptNo: 1
Received By: Tracy Casarrubias 11/3/2023 7:55:00 AM
Completed By: Tracy Casarrubias 11/3/2023 8:41:38 AM
Reviewed By: 7u 11/3/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
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: 15cm 11/3/23

Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Yes	Yogi		

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type) Excel

Date	Time	Matrix	Sample Name
11-2-23	1104	soil	B-28
	1110		B-29
	1112		B-30
	1114		B-31
	1140		B-32
	1142		B-33
	1144		B-34
	1146		B-35
	1148		B-36
	1150		B-37

Relinquished by:

Signature

Relinquished by:

Signature

Received by: Via: Date Time

Signature 11/23 9:00

Received by: Via: Date Time

Signature 11/23 7:55

Standard

Rush

Project Name:

Red Cw-B BATT

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice: Yes No

of Coolers:

Cooler Temp (including CF): 1.3-0 = 1.3"

Container Type and #

Preservative Type

HEAL No. 2311163

TPH: 8015D(GRO / DRO / MRO)

BTEX (8021)

Chloride (EPA 300)

Analysis Request



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Remarks: Bill to EOG Artesia



Environment Testing

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 30, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Fed CW B Batt

OrderNo.: 2311932

Dear Will Kierdorf:

Eurofins Environment Testing South Central, LLC received 10 sample(s) on 11/17/2023 for the analyses presented in the following report.

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

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-2A

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:10:00 AM

Lab ID: 2311932-001

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	ND	60		mg/Kg	20	11/22/2023 1:51:20 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/22/2023 4:48:54 PM	78932
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/22/2023 4:48:54 PM	78932
Surr: DNOP	94.4	69-147		%Rec	1	11/22/2023 4:48:54 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/22/2023 4:51:58 PM	78922
Surr: BFB	88.8	15-244		%Rec	1	11/22/2023 4:51:58 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	11/22/2023 4:51:58 PM	78922
Toluene	ND	0.047		mg/Kg	1	11/22/2023 4:51:58 PM	78922
Ethylbenzene	ND	0.047		mg/Kg	1	11/22/2023 4:51:58 PM	78922
Xylenes, Total	ND	0.093		mg/Kg	1	11/22/2023 4:51:58 PM	78922
Surr: 4-Bromofluorobenzene	90.7	39.1-146		%Rec	1	11/22/2023 4:51:58 PM	78922

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

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

Page 1 of 14

Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-13

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:14:00 AM

Lab ID: 2311932-002

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	ND	60		mg/Kg	20	11/22/2023 2:03:45 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	44	9.2		mg/Kg	1	11/27/2023 2:16:48 PM	78932
Motor Oil Range Organics (MRO)	65	46		mg/Kg	1	11/27/2023 2:16:48 PM	78932
Surr: DNOP	105	69-147		%Rec	1	11/27/2023 2:16:48 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/22/2023 5:15:30 PM	78922
Surr: BFB	89.6	15-244		%Rec	1	11/22/2023 5:15:30 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	11/22/2023 5:15:30 PM	78922
Toluene	ND	0.046		mg/Kg	1	11/22/2023 5:15:30 PM	78922
Ethylbenzene	ND	0.046		mg/Kg	1	11/22/2023 5:15:30 PM	78922
Xylenes, Total	ND	0.092		mg/Kg	1	11/22/2023 5:15:30 PM	78922
Surr: 4-Bromofluorobenzene	90.2	39.1-146		%Rec	1	11/22/2023 5:15:30 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-14

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:16:00 AM

Lab ID: 2311932-003

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	350	60		mg/Kg	20	11/22/2023 2:16:09 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	72	9.7		mg/Kg	1	11/22/2023 9:11:22 PM	78932
Motor Oil Range Organics (MRO)	120	49		mg/Kg	1	11/22/2023 9:11:22 PM	78932
Surr: DNOP	101	69-147		%Rec	1	11/22/2023 9:11:22 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/22/2023 5:38:57 PM	78922
Surr: BFB	87.2	15-244		%Rec	1	11/22/2023 5:38:57 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/22/2023 5:38:57 PM	78922
Toluene	ND	0.048		mg/Kg	1	11/22/2023 5:38:57 PM	78922
Ethylbenzene	ND	0.048		mg/Kg	1	11/22/2023 5:38:57 PM	78922
Xylenes, Total	ND	0.096		mg/Kg	1	11/22/2023 5:38:57 PM	78922
Surr: 4-Bromofluorobenzene	88.1	39.1-146		%Rec	1	11/22/2023 5:38:57 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-15

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:18:00 AM

Lab ID: 2311932-004

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	430	60		mg/Kg	20	11/22/2023 2:28:34 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	160	9.5		mg/Kg	1	11/22/2023 9:59:20 PM	78932
Motor Oil Range Organics (MRO)	240	47		mg/Kg	1	11/22/2023 9:59:20 PM	78932
Surr: DNOP	110	69-147		%Rec	1	11/22/2023 9:59:20 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/22/2023 6:02:19 PM	78922
Surr: BFB	88.6	15-244		%Rec	1	11/22/2023 6:02:19 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/22/2023 6:02:19 PM	78922
Toluene	ND	0.047		mg/Kg	1	11/22/2023 6:02:19 PM	78922
Ethylbenzene	ND	0.047		mg/Kg	1	11/22/2023 6:02:19 PM	78922
Xylenes, Total	ND	0.095		mg/Kg	1	11/22/2023 6:02:19 PM	78922
Surr: 4-Bromofluorobenzene	89.8	39.1-146		%Rec	1	11/22/2023 6:02:19 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-38

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:32:00 AM

Lab ID: 2311932-005

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	ND	60		mg/Kg	20	11/22/2023 3:18:12 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/22/2023 5:12:46 PM	78932
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/22/2023 5:12:46 PM	78932
Surr: DNOP	82.9	69-147		%Rec	1	11/22/2023 5:12:46 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/22/2023 6:25:49 PM	78922
Surr: BFB	92.1	15-244		%Rec	1	11/22/2023 6:25:49 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/22/2023 6:25:49 PM	78922
Toluene	ND	0.048		mg/Kg	1	11/22/2023 6:25:49 PM	78922
Ethylbenzene	ND	0.048		mg/Kg	1	11/22/2023 6:25:49 PM	78922
Xylenes, Total	ND	0.096		mg/Kg	1	11/22/2023 6:25:49 PM	78922
Surr: 4-Bromofluorobenzene	92.6	39.1-146		%Rec	1	11/22/2023 6:25:49 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-39

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:34:00 AM

Lab ID: 2311932-006

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	ND	60		mg/Kg	20	11/22/2023 3:30:36 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/22/2023 5:36:33 PM	78932
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/22/2023 5:36:33 PM	78932
Surr: DNOP	83.7	69-147		%Rec	1	11/22/2023 5:36:33 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/22/2023 6:49:25 PM	78922
Surr: BFB	89.2	15-244		%Rec	1	11/22/2023 6:49:25 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/22/2023 6:49:25 PM	78922
Toluene	ND	0.047		mg/Kg	1	11/22/2023 6:49:25 PM	78922
Ethylbenzene	ND	0.047		mg/Kg	1	11/22/2023 6:49:25 PM	78922
Xylenes, Total	ND	0.094		mg/Kg	1	11/22/2023 6:49:25 PM	78922
Surr: 4-Bromofluorobenzene	89.6	39.1-146		%Rec	1	11/22/2023 6:49:25 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-40

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:36:00 AM

Lab ID: 2311932-007

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	ND	60		mg/Kg	20	11/22/2023 3:43:00 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/28/2023 11:53:18 AM	78932
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/28/2023 11:53:18 AM	78932
Surr: DNOP	76.5	69-147		%Rec	1	11/28/2023 11:53:18 AM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/22/2023 7:12:51 PM	78922
Surr: BFB	91.2	15-244		%Rec	1	11/22/2023 7:12:51 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	11/22/2023 7:12:51 PM	78922
Toluene	ND	0.046		mg/Kg	1	11/22/2023 7:12:51 PM	78922
Ethylbenzene	ND	0.046		mg/Kg	1	11/22/2023 7:12:51 PM	78922
Xylenes, Total	ND	0.092		mg/Kg	1	11/22/2023 7:12:51 PM	78922
Surr: 4-Bromofluorobenzene	91.7	39.1-146		%Rec	1	11/22/2023 7:12:51 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-41

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:38:00 AM

Lab ID: 2311932-008

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	ND	60		mg/Kg	20	11/22/2023 3:55:25 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	23	9.3		mg/Kg	1	11/22/2023 12:50:17 PM	78932
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/22/2023 12:50:17 PM	78932
Surr: DNOP	98.3	69-147		%Rec	1	11/22/2023 12:50:17 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/22/2023 7:36:21 PM	78922
Surr: BFB	91.3	15-244		%Rec	1	11/22/2023 7:36:21 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	11/22/2023 7:36:21 PM	78922
Toluene	ND	0.046		mg/Kg	1	11/22/2023 7:36:21 PM	78922
Ethylbenzene	ND	0.046		mg/Kg	1	11/22/2023 7:36:21 PM	78922
Xylenes, Total	ND	0.093		mg/Kg	1	11/22/2023 7:36:21 PM	78922
Surr: 4-Bromofluorobenzene	92.5	39.1-146		%Rec	1	11/22/2023 7:36:21 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-42

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:40:00 AM

Lab ID: 2311932-009

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	100	60		mg/Kg	20	11/22/2023 4:07:50 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	82	9.6		mg/Kg	1	11/22/2023 10:47:15 PM	78932
Motor Oil Range Organics (MRO)	170	48		mg/Kg	1	11/22/2023 10:47:15 PM	78932
Surr: DNOP	107	69-147		%Rec	1	11/22/2023 10:47:15 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/22/2023 7:59:48 PM	78922
Surr: BFB	91.4	15-244		%Rec	1	11/22/2023 7:59:48 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	11/22/2023 7:59:48 PM	78922
Toluene	ND	0.046		mg/Kg	1	11/22/2023 7:59:48 PM	78922
Ethylbenzene	ND	0.046		mg/Kg	1	11/22/2023 7:59:48 PM	78922
Xylenes, Total	ND	0.092		mg/Kg	1	11/22/2023 7:59:48 PM	78922
Surr: 4-Bromofluorobenzene	91.8	39.1-146		%Rec	1	11/22/2023 7:59:48 PM	78922

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

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

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Analytical Report

Lab Order 2311932

Date Reported: 11/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-43

Project: Fed CW B Batt

Collection Date: 11/14/2023 10:42:00 AM

Lab ID: 2311932-010

Matrix: SOIL

Received Date: 11/17/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: KCB
Chloride	260	60		mg/Kg	20	11/22/2023 4:20:14 PM	78949
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	130	9.3		mg/Kg	1	11/22/2023 11:59:00 PM	78932
Motor Oil Range Organics (MRO)	210	47		mg/Kg	1	11/22/2023 11:59:00 PM	78932
Surr: DNOP	104	69-147		%Rec	1	11/22/2023 11:59:00 PM	78932
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/22/2023 9:10:08 PM	78922
Surr: BFB	91.1	15-244		%Rec	1	11/22/2023 9:10:08 PM	78922
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	11/22/2023 9:10:08 PM	78922
Toluene	ND	0.048		mg/Kg	1	11/22/2023 9:10:08 PM	78922
Ethylbenzene	ND	0.048		mg/Kg	1	11/22/2023 9:10:08 PM	78922
Xylenes, Total	ND	0.095		mg/Kg	1	11/22/2023 9:10:08 PM	78922
Surr: 4-Bromofluorobenzene	91.9	39.1-146		%Rec	1	11/22/2023 9:10:08 PM	78922

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311932
30-Nov-23

Client: EOG
Project: Fed CW B Batt

Sample ID: MB-78949	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 78949	RunNo: 101390
Prep Date: 11/22/2023	Analysis Date: 11/22/2023	SeqNo: 3730330 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-78949	SampType: lcs	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 78949	RunNo: 101390
Prep Date: 11/22/2023	Analysis Date: 11/22/2023	SeqNo: 3730331 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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311932

30-Nov-23

Client: EOG
Project: Fed CW B Batt

Sample ID: MB-78932	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 78932	RunNo: 101391								
Prep Date: 11/21/2023	Analysis Date: 11/22/2023	SeqNo: 3730313 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.0	69	147			

Sample ID: LCS-78932	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 78932	RunNo: 101391								
Prep Date: 11/21/2023	Analysis Date: 11/22/2023	SeqNo: 3730314 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	107	61.9	130			
Surr: DNOP	4.2		5.000		84.1	69	147			

Qualifiers:

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311932

30-Nov-23

Client: EOG
Project: Fed CW B Batt

Sample ID: lcs-78922	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 78922	RunNo: 101367								
Prep Date: 11/21/2023	Analysis Date: 11/22/2023	SeqNo: 3729169			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	87.0	70	130			
Surr: BFB	1800		1000		177	15	244			

Sample ID: mb-78922	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 78922	RunNo: 101367								
Prep Date: 11/21/2023	Analysis Date: 11/22/2023	SeqNo: 3729170			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		88.6	15	244			

Qualifiers:

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311932

30-Nov-23

Client: EOG
Project: Fed CW B Batt

Sample ID: LCS-78922	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 78922	RunNo: 101367								
Prep Date: 11/21/2023	Analysis Date: 11/22/2023	SeqNo: 3729174	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.0	70	130			
Toluene	0.97	0.050	1.000	0	96.6	70	130			
Ethylbenzene	0.93	0.050	1.000	0	93.4	70	130			
Xylenes, Total	2.8	0.10	3.000	0	93.4	70	130			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.5	39.1	146			

Sample ID: mb-78922	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 78922	RunNo: 101367								
Prep Date: 11/21/2023	Analysis Date: 11/22/2023	SeqNo: 3729175	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		91.5	39.1	146			

Qualifiers:

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

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Sample Log-In Check List

Client Name: EOG Work Order Number: 2311932 RcptNo: 1

Received By: Tracy Casarrubias 11/17/2023 7:45:00 AM

Completed By: Tracy Casarrubias 11/17/2023 9:13:08 AM

Reviewed By: *[Signature]* 11/17/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐
of preserved bottles checked for pH: 1
(<2 or >12 unless noted)
Adjusted? Yes
Checked by: SCM 11/17/23

Special Handling (if applicable)

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

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.2	Good	Yes	Yogi		

Standard ☒ Rush 5 DAY TAT
Project Name: Fed CW-B BATT

Client: EOG-Artesia / Ranger Env.
Mailing Address: EOG - 105 S 4th St, Artesia NMI, 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

Project Manager: W. Kierdorf
Project #: 5375
Cooler Temp (including CF): 5.2-0=5.2

Sampler: J. Martinez
On Ice: ☒ Yes ☐ No 40g
of Coolers: 1

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
1-14-23	1010	Soil	W-24	1x402 jar	ICE	2311932	X	X	X
	1014		W-13						
	1016		W-14						
	1018		W-15						
	1022		B-38						
	1034		B-39						
	1036		B-40						
	1038		B-41						
	1040		B-42						
	1042		B-43						

Received by: [Signature] Date: 1/16/23 Time: 0820
Relinquished by: [Signature] Date: 1/16/23 Time: 1100
Received by: [Signature] Date: 1/16/23 Time: 7:45
Relinquished by: [Signature] Date: 1/17/23



*Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com*

December 18, 2023

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Fed CW B BATT

OrderNo.: 2312512

Dear Will Kierdorf:

Eurofins Environment Testing South Central, LLC received 8 sample(s) on 12/8/2023 for the analyses presented in the following report.

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

Please do not hesitate to contact Eurofins Albuquerque 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".

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-13A

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:15:00 AM

Lab ID: 2312512-001

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	12/9/2023 7:24:02 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/8/2023 2:17:06 PM	79246
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/8/2023 2:17:06 PM	79246
Surr: DNOP	98.0	69-147		%Rec	1	12/8/2023 2:17:06 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	12/8/2023 1:42:26 PM	GS10170
Surr: BFB	96.9	15-244		%Rec	1	12/8/2023 1:42:26 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	12/8/2023 1:42:26 PM	BS10170
Toluene	ND	0.045		mg/Kg	1	12/8/2023 1:42:26 PM	BS10170
Ethylbenzene	ND	0.045		mg/Kg	1	12/8/2023 1:42:26 PM	BS10170
Xylenes, Total	ND	0.090		mg/Kg	1	12/8/2023 1:42:26 PM	BS10170
Surr: 4-Bromofluorobenzene	96.6	39.1-146		%Rec	1	12/8/2023 1:42:26 PM	BS10170

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

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

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Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-14A

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:20:00 AM

Lab ID: 2312512-002

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	12/9/2023 7:39:11 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/8/2023 2:41:04 PM	79246
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/8/2023 2:41:04 PM	79246
Surr: DNOP	99.4	69-147		%Rec	1	12/8/2023 2:41:04 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.6		mg/Kg	1	12/8/2023 2:05:58 PM	GS10170
Surr: BFB	92.9	15-244		%Rec	1	12/8/2023 2:05:58 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.028		mg/Kg	1	12/8/2023 2:05:58 PM	BS10170
Toluene	ND	0.056		mg/Kg	1	12/8/2023 2:05:58 PM	BS10170
Ethylbenzene	ND	0.056		mg/Kg	1	12/8/2023 2:05:58 PM	BS10170
Xylenes, Total	ND	0.11		mg/Kg	1	12/8/2023 2:05:58 PM	BS10170
Surr: 4-Bromofluorobenzene	93.3	39.1-146		%Rec	1	12/8/2023 2:05:58 PM	BS10170

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

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

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Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-15A

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:22:00 AM

Lab ID: 2312512-003

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	12/9/2023 7:54:21 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/8/2023 3:04:58 PM	79246
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/8/2023 3:04:58 PM	79246
Surr: DNOP	99.0	69-147		%Rec	1	12/8/2023 3:04:58 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	12/8/2023 2:29:26 PM	GS10170
Surr: BFB	94.8	15-244		%Rec	1	12/8/2023 2:29:26 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.020		mg/Kg	1	12/8/2023 2:29:26 PM	BS10170
Toluene	ND	0.040		mg/Kg	1	12/8/2023 2:29:26 PM	BS10170
Ethylbenzene	ND	0.040		mg/Kg	1	12/8/2023 2:29:26 PM	BS10170
Xylenes, Total	ND	0.080		mg/Kg	1	12/8/2023 2:29:26 PM	BS10170
Surr: 4-Bromofluorobenzene	94.2	39.1-146		%Rec	1	12/8/2023 2:29:26 PM	BS10170

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

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

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Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-16

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:26:00 AM

Lab ID: 2312512-004

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	12/9/2023 8:39:48 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/8/2023 3:28:53 PM	79246
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/8/2023 3:28:53 PM	79246
Surr: DNOP	96.5	69-147		%Rec	1	12/8/2023 3:28:53 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	12/8/2023 2:52:57 PM	GS10170
Surr: BFB	99.8	15-244		%Rec	1	12/8/2023 2:52:57 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.020		mg/Kg	1	12/8/2023 2:52:57 PM	BS10170
Toluene	ND	0.040		mg/Kg	1	12/8/2023 2:52:57 PM	BS10170
Ethylbenzene	ND	0.040		mg/Kg	1	12/8/2023 2:52:57 PM	BS10170
Xylenes, Total	ND	0.080		mg/Kg	1	12/8/2023 2:52:57 PM	BS10170
Surr: 4-Bromofluorobenzene	96.1	39.1-146		%Rec	1	12/8/2023 2:52:57 PM	BS10170

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

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

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Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-42A

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:40:00 AM

Lab ID: 2312512-005

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	12/9/2023 8:54:58 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	12/8/2023 3:52:46 PM	79246
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/8/2023 3:52:46 PM	79246
Surr: DNOP	106	69-147		%Rec	1	12/8/2023 3:52:46 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	12/8/2023 3:16:30 PM	GS10170
Surr: BFB	95.3	15-244		%Rec	1	12/8/2023 3:16:30 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.022		mg/Kg	1	12/8/2023 3:16:30 PM	BS10170
Toluene	ND	0.044		mg/Kg	1	12/8/2023 3:16:30 PM	BS10170
Ethylbenzene	ND	0.044		mg/Kg	1	12/8/2023 3:16:30 PM	BS10170
Xylenes, Total	ND	0.088		mg/Kg	1	12/8/2023 3:16:30 PM	BS10170
Surr: 4-Bromofluorobenzene	95.2	39.1-146		%Rec	1	12/8/2023 3:16:30 PM	BS10170

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

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

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Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-43A

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:42:00 AM

Lab ID: 2312512-006

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	12/9/2023 9:10:07 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/8/2023 4:16:38 PM	79246
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/8/2023 4:16:38 PM	79246
Surr: DNOP	104	69-147		%Rec	1	12/8/2023 4:16:38 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.3		mg/Kg	1	12/8/2023 4:03:37 PM	GS10170
Surr: BFB	95.4	15-244		%Rec	1	12/8/2023 4:03:37 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.027		mg/Kg	1	12/8/2023 4:03:37 PM	BS10170
Toluene	ND	0.053		mg/Kg	1	12/8/2023 4:03:37 PM	BS10170
Ethylbenzene	ND	0.053		mg/Kg	1	12/8/2023 4:03:37 PM	BS10170
Xylenes, Total	ND	0.11		mg/Kg	1	12/8/2023 4:03:37 PM	BS10170
Surr: 4-Bromofluorobenzene	95.4	39.1-146		%Rec	1	12/8/2023 4:03:37 PM	BS10170

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

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

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Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-44

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:44:00 AM

Lab ID: 2312512-007

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	12/9/2023 9:25:16 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/8/2023 4:40:28 PM	79246
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/8/2023 4:40:28 PM	79246
Surr: DNOP	89.7	69-147		%Rec	1	12/8/2023 4:40:28 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/8/2023 4:27:09 PM	GS10170
Surr: BFB	95.2	15-244		%Rec	1	12/8/2023 4:27:09 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	12/8/2023 4:27:09 PM	BS10170
Toluene	ND	0.048		mg/Kg	1	12/8/2023 4:27:09 PM	BS10170
Ethylbenzene	ND	0.048		mg/Kg	1	12/8/2023 4:27:09 PM	BS10170
Xylenes, Total	ND	0.096		mg/Kg	1	12/8/2023 4:27:09 PM	BS10170
Surr: 4-Bromofluorobenzene	95.8	39.1-146		%Rec	1	12/8/2023 4:27:09 PM	BS10170

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

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

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Analytical Report

Lab Order 2312512

Date Reported: 12/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-45

Project: Fed CW B BATT

Collection Date: 12/6/2023 11:46:00 AM

Lab ID: 2312512-008

Matrix: MEOH (SOIL)

Received Date: 12/8/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	12/9/2023 9:40:26 AM	79265
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/8/2023 5:04:18 PM	79246
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/8/2023 5:04:18 PM	79246
Surr: DNOP	91.2	69-147		%Rec	1	12/8/2023 5:04:18 PM	79246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	12/8/2023 4:50:38 PM	GS10170
Surr: BFB	95.6	15-244		%Rec	1	12/8/2023 4:50:38 PM	GS10170
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.019		mg/Kg	1	12/8/2023 4:50:38 PM	BS10170
Toluene	ND	0.038		mg/Kg	1	12/8/2023 4:50:38 PM	BS10170
Ethylbenzene	ND	0.038		mg/Kg	1	12/8/2023 4:50:38 PM	BS10170
Xylenes, Total	ND	0.076		mg/Kg	1	12/8/2023 4:50:38 PM	BS10170
Surr: 4-Bromofluorobenzene	96.1	39.1-146		%Rec	1	12/8/2023 4:50:38 PM	BS10170

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312512

18-Dec-23

Client: EOG

Project: Fed CW B BATT

Sample ID: MB-79265		SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 79265		RunNo: 101742						
Prep Date: 12/8/2023		Analysis Date: 12/9/2023		SeqNo: 3749437		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-79265		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 79265		RunNo: 101742						
Prep Date: 12/8/2023		Analysis Date: 12/9/2023		SeqNo: 3749438		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.4	90	110			

Qualifiers:

- *

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

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

Analyte detected in the associated Method Blank
- E

Above Quantitation Range/Estimated Value
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312512

18-Dec-23

Client: EOG
Project: Fed CW B BATT

Sample ID: MB-79246	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 79246	RunNo: 101708								
Prep Date: 12/8/2023	Analysis Date: 12/8/2023	SeqNo: 3747399	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	9.4		10.00		93.5	69	147			

Sample ID: LCS-79246	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 79246	RunNo: 101708								
Prep Date: 12/8/2023	Analysis Date: 12/8/2023	SeqNo: 3747400	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	61.9	130			
Surr: DNOP	4.8		5.000		95.6	69	147			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312512

18-Dec-23

Client: EOG

Project: Fed CW B BATT

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: GS101707		RunNo: 101707							
Prep Date:	Analysis Date: 12/8/2023		SeqNo: 3747388		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.4	70	130			
Surr: BFB	2000		1000		205	15	244			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: GS101707		RunNo: 101707							
Prep Date:	Analysis Date: 12/8/2023		SeqNo: 3747389		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	950		1000		95.1	15	244			

Qualifiers:

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

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

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

WO#: 2312512

18-Dec-23

Client: EOG
Project: Fed CW B BATT

Sample ID: 100ng btex lcs	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: BS101707			RunNo: 101707						
Prep Date:	Analysis Date: 12/8/2023			SeqNo: 3747394			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.6	70	130			
Toluene	0.98	0.050	1.000	0	98.4	70	130			
Ethylbenzene	0.98	0.050	1.000	0	98.3	70	130			
Xylenes, Total	3.0	0.10	3.000	0	99.8	70	130			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	39.1	146			

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: BS101707			RunNo: 101707						
Prep Date:	Analysis Date: 12/8/2023			SeqNo: 3747395			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	0.95		1.000		95.2	39.1	146			

Qualifiers:

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

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

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Sample Log-In Check List

Client Name: EOG

Work Order Number: 2312512

RcptNo: 1

Received By: Cheyenne Cason 12/8/2023 8:00:00 AM

Completed By: Desiree Dominguez 12/8/2023 8:31:25 AM

Reviewed By: *mm* 12/08/23*Chad**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? 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: *JA 12-8-23***Special Handling (if applicable)**

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

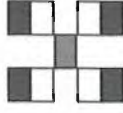
Regarding: _____

Client Instructions: Mailing address, phone number and Email/Fax are missing on COC- *TMC 12/7/23 DAD 12/8/23**DAD 12/8/23*

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Yes	Morty		

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Turn-Around Time:		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush <u>24 hr</u>	
Project Name:		<u>Fed CW-B Bart</u>	
Project #:		5375	
Project Manager:		W. Kierdorf	
Sampler:		<u>J. Martinez</u>	
On Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
# of Coolers:		<u>1</u>	
Cooler Temp (including CF):		<u>1.3-0.1-1.2</u>	
Container Type and #	Preservative Type	HEAL No.	
<u>1x 4oz Jar</u>	<u>ICE</u>	<u>2312512</u>	
<u>1125</u>	<u>W-13A</u>	<u>-001</u>	<u>X</u>
<u>1126</u>	<u>W-14A</u>	<u>-002</u>	<u>X</u>
<u>1127</u>	<u>W-15A</u>	<u>-003</u>	<u>X</u>
<u>1128</u>	<u>W-16</u>	<u>-004</u>	<u>X</u>
<u>1140</u>	<u>B-42A</u>	<u>-005</u>	<u>X</u>
<u>1142</u>	<u>B-43A</u>	<u>-006</u>	<u>X</u>
<u>1144</u>	<u>B-44</u>	<u>-007</u>	<u>X</u>
<u>1146</u>	<u>B-45</u>	<u>-008</u>	<u>X</u>
Date	Time	Matrix	Sample Name
<u>12/1/23</u>	<u>1115</u>	<u>soil</u>	<u>W-13A</u>
<u>12/1/23</u>	<u>1126</u>	<u>soil</u>	<u>W-14A</u>
<u>12/1/23</u>	<u>1127</u>	<u>soil</u>	<u>W-15A</u>
<u>12/1/23</u>	<u>1128</u>	<u>soil</u>	<u>W-16</u>
<u>12/1/23</u>	<u>1140</u>	<u>soil</u>	<u>B-42A</u>
<u>12/1/23</u>	<u>1142</u>	<u>soil</u>	<u>B-43A</u>
<u>12/1/23</u>	<u>1144</u>	<u>soil</u>	<u>B-44</u>
<u>12/1/23</u>	<u>1146</u>	<u>soil</u>	<u>B-45</u>
Date	Time	Relinquished by:	
<u>12/1/23</u>	<u>1106</u>	<u>[Signature]</u>	
Date	Time	Relinquished by:	
<u>12/1/23</u>	<u>1100</u>	<u>[Signature]</u>	
Received by:		Via:	Date
<u>[Signature]</u>		<u>12/1/23</u>	<u>1108</u>
Received by:		Via:	Date
<u>[Signature]</u>		<u>12/1/23</u>	<u>0800</u>
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 noted on the analytical report.

ATTACHMENT 3 – 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

ATTACHMENT 4 – NMOCD CORRESPONDENCE

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, September 26, 2023 9:43:49 AM
To: Katie Jamison <Katie_Jamison@eogresources.com>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 214761

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Katie Jamison for EOG RESOURCES INC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action (C-141)*, for incident ID (n#) nRM2019932835, for the following reasons:

- **The Alternative Remediation Plan is Denied.** This release is in a high karst area and will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. Due to the sensitive nature of the site (high karst), the variance request for utilization of Table 1 depth to groundwater >100' and installation of a synthetic liner is denied. The proposal for limited removal of soils is denied. All sample points must be fully delineated before a deferral can be granted. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Please collect confirmation samples, representing no more than 200 ft². All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur 90 days after report has been reviewed.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 214761.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Robert Hamlet

575-748-1283

Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, June 13, 2023 5:02 AM
To: ocd.enviro@emnrd.nm.gov; blm_nm_ofo_spills@blm.gov; Alan & Cheryl <ahowell@pvtm.net>; Austin Weyant <austin@atkinseng.com>
Cc: Katie Jamison <Katie_Jamison@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>; Terrence Gant <Terry_Gant@eogresources.com>
Subject: Federal CW-B Battery (nRM2019932835) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Federal CW-B Battery
J-1-19S-24E
Eddy County, NM
nRM2019932835

Sampling will begin at 8:00 a.m. on Thursday, June 15, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Artesia Division

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Tuesday, June 27, 2023 4:33 PM
To: ood.enviro@emnrd.nm.gov; CFO_Spill, BLM_NM <blm_nm_cfo_spill@blm.gov>; Alan & Cheryl <ahowell@pvtm.net>; Austin Weyant <austin@atkinseng.com>
Cc: Katie Jamison <Katie_Jamison@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>; Terrence Gant <Terry_Gant@eogresources.com>
Subject: Federal CW-B Battery (nRM2019932835) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Federal CW-B Battery
J-1-19S-24E
Eddy County, NM
nRM2019932835

Sampling will begin at 7:00 a.m. on Monday, July 3, 2023.

Thank you.

Miriam Morales

From: Tina Huerta <Tina_Huerta@eogresources.com>

Sent: Thursday, October 26, 2023 7:31 AM

To: ocd.enviro@emnr.dnm.gov; blm_nm_cfo_spill@blm.gov; Alan & Cheryl <ahowell@pvt.net>

Subject: Federal CW-B Battery (nRM2019932835) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Federal CW-B Battery

J-1-19S-24E

Eddy County, NM

nRM2019932835

Sampling will begin at 8:00 a.m. on Tuesday, October 31, 2023, and continue through Friday, November 3, 2023.

Thank you,

Tina Huerta

Regulatory Specialist

Direct: 575.748.4168

Cell: 575.703.3121

Email: tina_huerta@eogresources.com



Artesia Division

Good morning Tina,

The OCD has received your notification. Notification requirements are **two full business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, November 10, 2023 10:26 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Alan & Cheryl <ahowell@pvtm.net>
Subject: [EXTERNAL] Federal CW-B Battery (NRM2019932835) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Federal CW-B Battery
J-1-19S-24E
Eddy County, NM
nRM2019932835

Sampling will begin at 10:00 a.m. on Tuesday, November 14, 2023, and continue through Friday, November 17, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Artesia Division

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, December 4, 2023 11:30 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 290772

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Tina Huerta for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nRM2019932835.

The sampling event is expected to take place:

When: 12/06/2023 @ 11:35

Where: J-01-19S-24E 0 FNL 0 FEL (32.68706,-104.53858)

Additional Information: Chase Settle

Rep Safety & Environmental Sr

EOG Resources

105 S. 4th Street

Artesia, NM 88210

575-748-4171 (Office)

Additional Instructions: Locked gates.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

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

QUESTIONS

Action 295925

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	295925
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2019932835
Incident Name	NRM2019932835 FEDERAL CW-B BATTERY @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FEDERAL CW-B BATTERY
Date Release Discovered	07/02/2020
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 13 BBL Recovered: 0 BBL Lost: 13 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 295925

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	295925
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor Email: tina_huerta@eogresources.com Date: 12/18/2023
--	--

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QUESTIONS, Page 3

Action 295925

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	295925
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	520
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	400
GRO+DRO (EPA SW-846 Method 8015M)	160
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/05/2023
On what date will (or did) the final sampling or liner inspection occur	12/06/2023
On what date will (or was) the remediation complete(d)	12/06/2023
What is the estimated surface area (in square feet) that will be reclaimed	10550
What is the estimated volume (in cubic yards) that will be reclaimed	1450
What is the estimated surface area (in square feet) that will be remediated	7500
What is the estimated volume (in cubic yards) that will be remediated	1450

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 295925

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	295925
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor Email: tina_huerta@eogresources.com Date: 12/18/2023
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Phone:(575) 393-6161 Fax:(575) 393-0720
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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State of New Mexico
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QUESTIONS, Page 5

Action 295925

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 295925
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 295925

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	295925
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	290775
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/07/2023
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	7500
What was the total volume (cubic yards) remediated	1450
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	10550
What was the total volume (in cubic yards) reclaimed	1450
Summarize any additional remediation activities not included by answers (above)	Please see attached report.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor Email: tina_huerta@eogresources.com Date: 12/18/2023
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QUESTIONS, Page 7

Action 295925

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	295925
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 295925

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number: 295925
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc..., will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	3/20/2024