



SITE REMEDIATION AND CLOSURE REPORT

**FEDERAL CW-B #2
UNIT J, SECTION 1, TOWNSHIP 19S, RANGE 24E
EDDY COUNTY, NEW MEXICO
32.687274, -104.538560
RANGER REFERENCE NO. 5375**

PREPARED FOR:

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

PREPARED BY:

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

APRIL 19, 2022

A handwritten signature in blue ink, appearing to read "M. Cook".

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

A handwritten signature in blue ink, appearing to read "W. Kierdorf".

**William Kierdorf, REM
Project Manager**

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FORM C-141

FIGURES

- Topographic Map
- Area Map
- Final Confirmation Soil Sample Location Map

TABLES

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

ATTACHMENTS

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



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32.687274, -104.538560
RANGER REFERENCE NO. 5375**

1.0 SITE LOCATION AND BACKGROUND

The Federal CW-B #2 (Site) is an active oil and gas well pad/facility located on private land, approximately 13.4 miles southwest of Artesia, within Eddy County, New Mexico. The facility is situated in Unit J, Section 1, T19S-R24E at GPS coordinates 32.687274, -104.538560.

Due to an on-going remediation project at the facility tank battery, the decommissioning and replacement of the tank battery at an alternative location on the well/facility pad is necessary. Prior to the construction of the new tank battery, EOG Resources, Inc. (EOG) engaged Ranger Environmental Services, Inc. (Ranger) to assess the proposed tank battery location to evaluate whether there were any adverse environmental conditions in the proposed location.

On September 10, 2021, Ranger personnel conducted an assessment of the proposed tank battery location. The results of the assessment appeared to indicate that a historic produced water impact had occurred at the location. Based on the assessment results, the area was reported to the New Mexico Oil Conservation Division (NMOCD) on September 28, 2021 (NMOCD Incident # nAPP2127159445). Ranger prepared a *Site Characterization and Proposed Remediation Plan* documenting the completed assessment activities, site characterization details, and proposed remediation strategy which was submitted to the NMOCD on December 20, 2021 for review. On January 30, 2022, the NMOCD approved the proposed remediation plan with no condition of approval.

The following *Site Remediation and Closure Report* has been prepared to document the conducted remediation activities and confirmation soil sampling activities.

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

2.0 SITE REMEDIATION

2.1 Impacted Soil Removal and Confirmation Soil Sampling

From February 14, 2022 to March 25, 2022 soil removal operations were conducted at the Site. 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 confirm the excavation was completed to appropriate boundaries.

To assess the excavated area and confirm that the excavation areas had been completed to appropriate boundaries, confirmation soil 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 confirmation sampling process, various samples with concentrations in excess of the approved 19.15.29.12 NMAC Table 1 (groundwater ≤ 50 feet) and Restoration, Reclamation, and Re-Vegetation Criteria were encountered. To address the elevated concentrations, over-excavation activities were completed in areas and additional confirmation samples were collected for laboratory analysis. Confirmation soil sampling activities were completed on March 2, 17, 25, 2022, and on April 4, 2022. 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.

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 completion, the excavated area had maximum dimensions of approximately 70 feet by 60 feet and had a maximum depth of approximately seven feet.

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

2.2 Final Confirmation Sample Results

Upon review of the final confirmation sample results, all areas have been brought into attainment of the Table 1 (groundwater ≤ 50 feet) criteria and the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. 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.

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.

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	nAPP2127159445
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nAPP2127159445
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.68751 Longitude -104.53837
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Federal CW-B #2	Site Type Well Pad
Date Release Discovered 9/21/2021	API# (if applicable) 30-015-23216

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

Surface Owner: State Federal Tribal Private (Name: Howell Revocable Trust)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	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 **Historical impacts reported by the surface owner. The environmental consultant contracted to investigate the area determined on 9/21/21 based on the impacted area footprint that the release more than likely breached the reportable volume threshold.**

Incident ID	nAPP2127159445
District RP	
Facility ID	
Application ID	

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

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 & Environmental Sr</u> Signature: <u></u> Date: <u>9/28/21</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>10/01/2021</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 52545

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52545
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	10/1/2021

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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?	>100' (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
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Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

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Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: *Chase Settle* Date: 12/20/2021
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2127159445
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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.

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Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 12/20/2021
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: Jennifer Nobui Date: 01/31/2022

Incident ID	nAPP2127159445
District RP	
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

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Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 04/19/2022
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

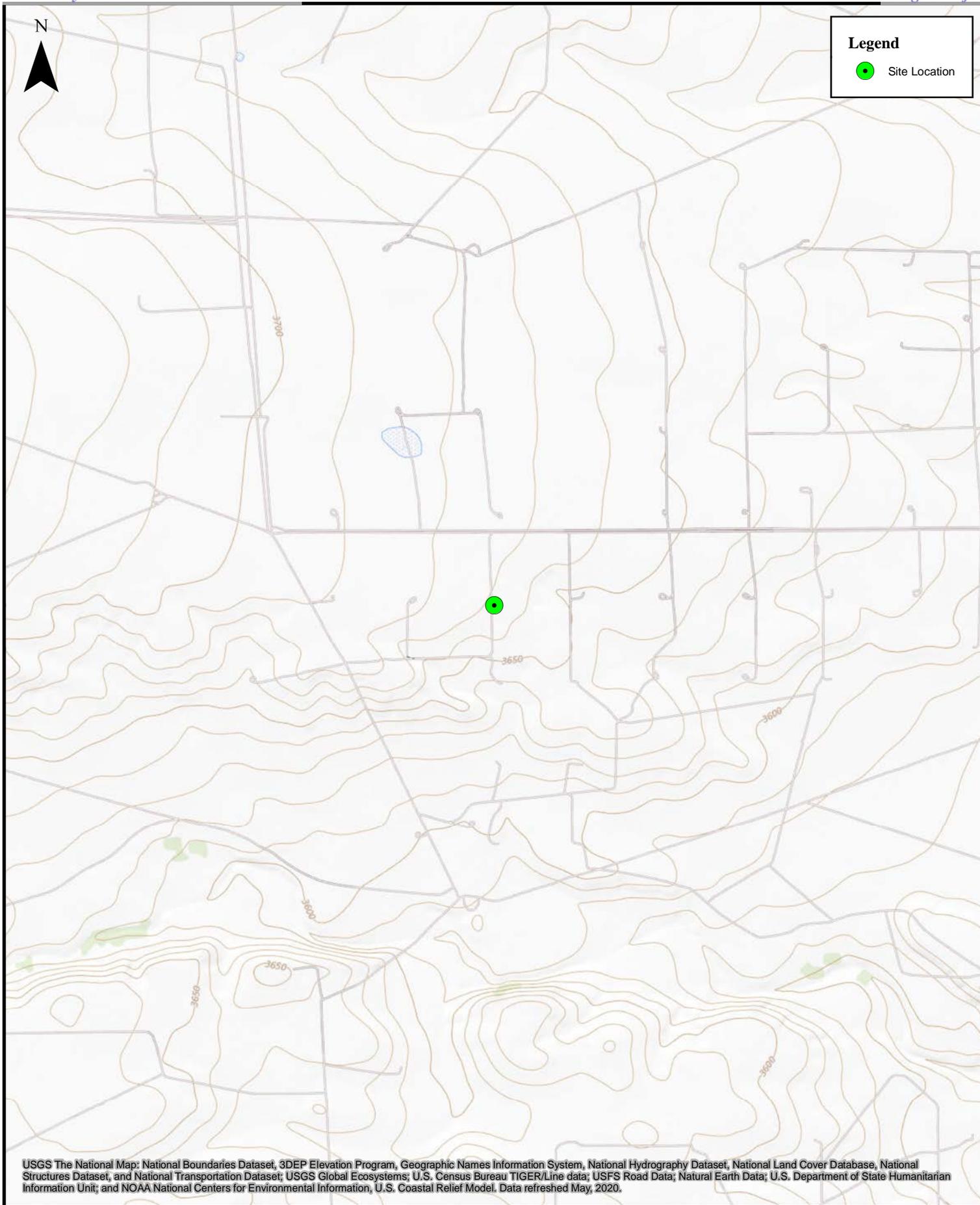
Closure Approved by: Jennifer Nobui Date: 05/12/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

FIGURES

Topographic Map

Area Map

Final Confirmation Sample Location Map



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



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

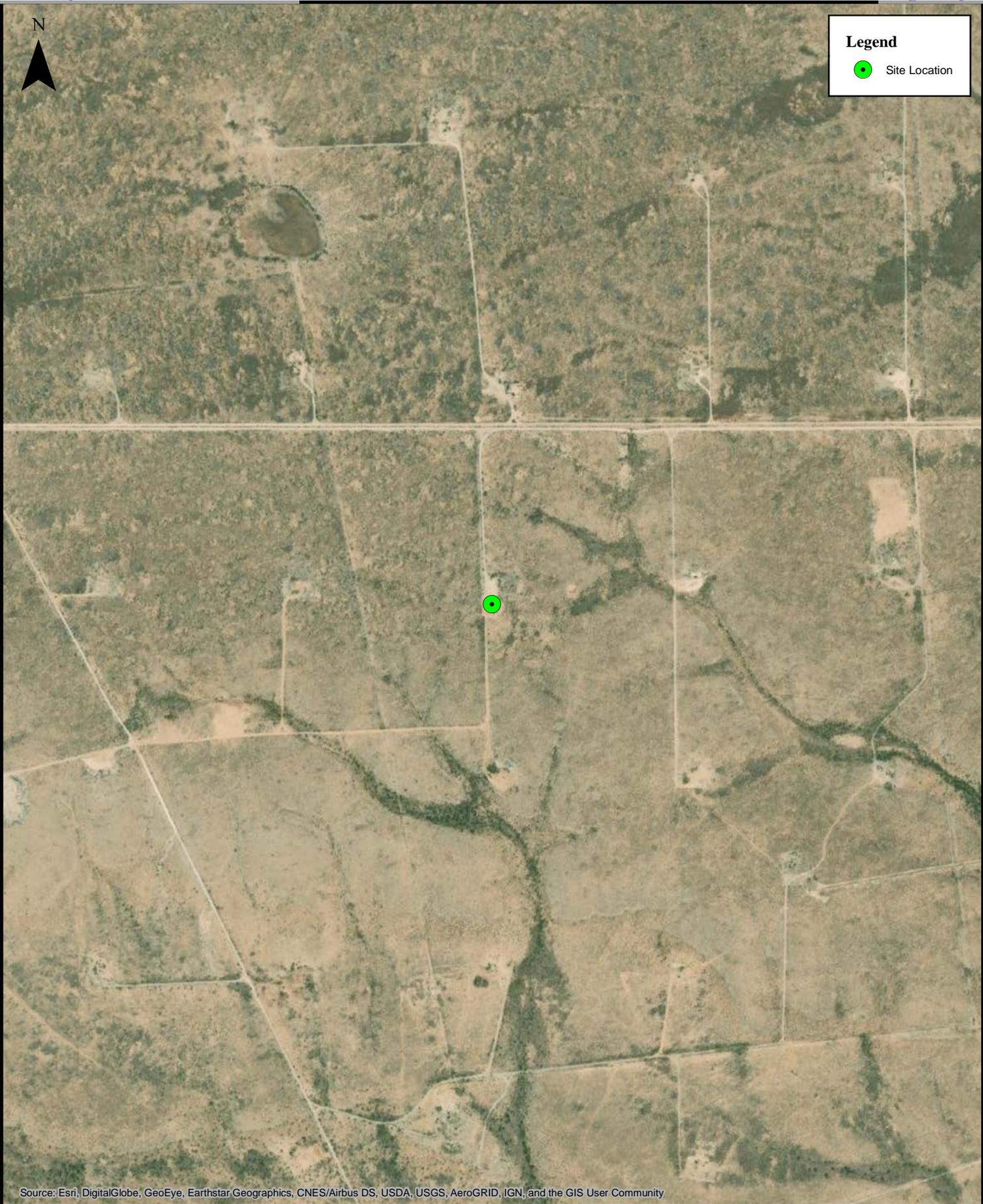
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Topographic Map
Federal CW-B #2
EOG Resources, Inc.



Legend

-  Site Location

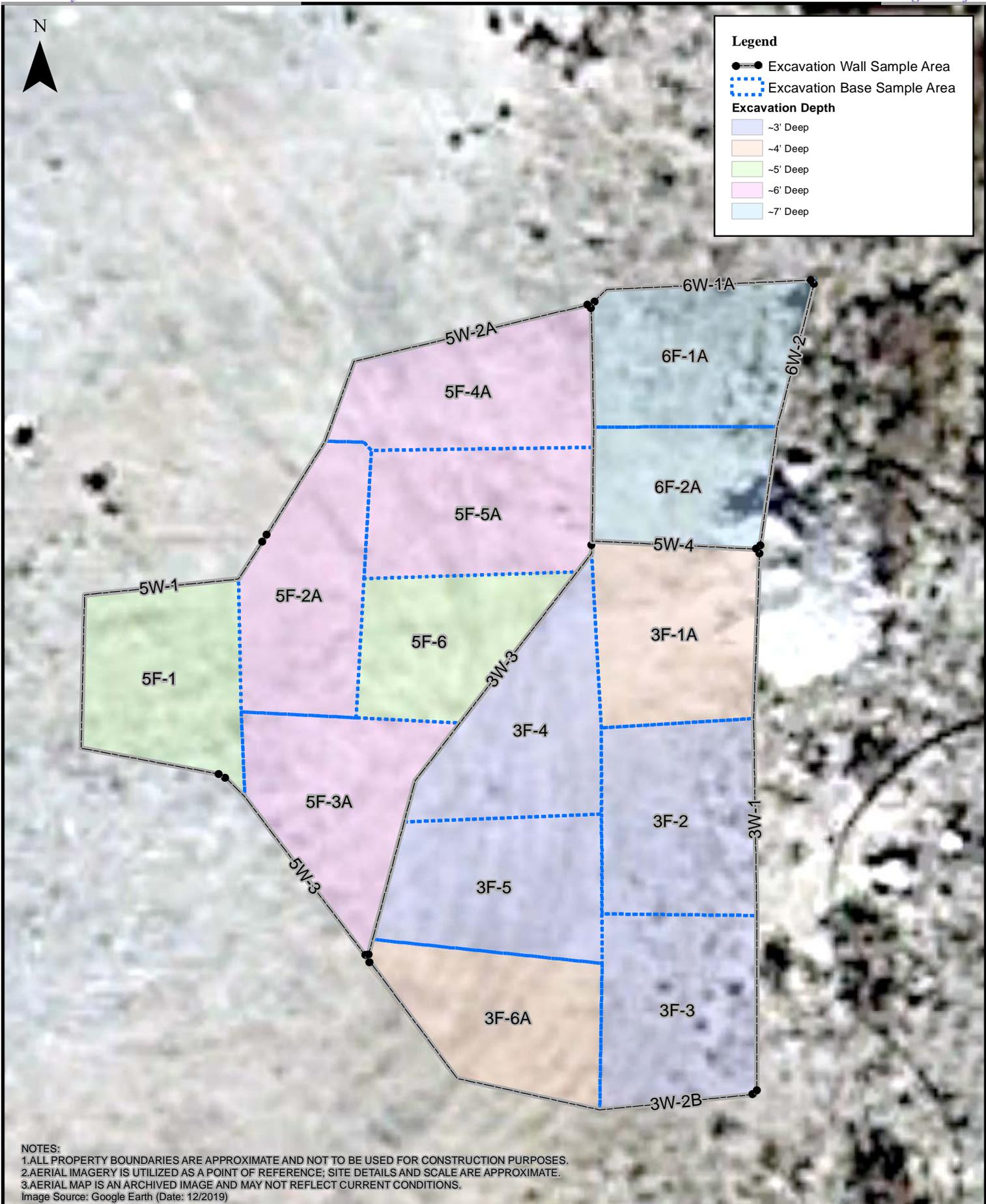


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

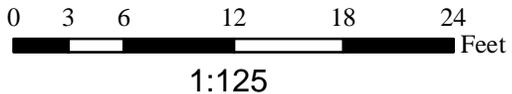


1:10,000

Area Map
Federal CW-B #2
EOG Resources, Inc.



NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAILS AND SCALE ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
 Image Source: Google Earth (Date: 12/2019)



Final Confirmation Sample Location Map
 Federal CW-B #2
 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 #2													
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
Confirmation Soil Samples													
3F-1	3/2/2022	3'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.1	<46	<9.1	<46	830
3F-1A	3/17/2022	4'	<0.018	<0.035	<0.035	<0.070	<0.07	<3.5	<9.9	<49	<9.9	<49	160
3F-2	3/2/2022	3'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.5	<47	<9.5	<47	300
3F-3	3/2/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<10	<50	<10	<50	500
3F-4	3/2/2022	3'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<9.8	<49	480
3F-5	3/2/2022	3'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.6	<48	<9.6	<48	390
3F-6	3/2/2022	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	670
3F-6A	3/17/2022	4'	<0.019	<0.038	<0.038	<0.077	<0.08	<3.8	<9.8	<49	<9.8	<49	280
3W-1	3/2/2022	0'-3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<49	<9.9	<49	320
3W-2	3/2/2022	0'-3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.3	<46	<9.3	<46	810
3W-2A	3/25/2022	0'-3'	<0.022	<0.045	<0.045	<0.022	<0.045	<4.5	<9.7	<48	<9.7	<48	780
3W-2B	4/4/2022	0'-3'	<0.017	<0.033	<0.033	<0.066	<0.07	<3.3	<10	<50	<10	<50	200
3W-3	3/2/2022	0'-6'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.1	<45	<9.1	<45	200
5F-1	3/2/2022	5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.3	<47	<9.3	<47	260
5F-2	3/2/2022	5'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	710
5F-2A	3/17/2022	6'	<0.017	<0.034	<0.034	<0.067	<0.07	<3.4	<8.6	<43	<8.6	<43	340
5F-3	3/2/2022	5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<49	<9.9	<49	820
5F-3A	3/17/2022	6'	<0.016	<0.033	<0.033	<0.065	<0.07	<3.3	<9.6	<48	<9.6	<48	220
5F-4	3/2/2022	5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.4	<47	<9.4	<47	1,400
5F-4A	3/17/2022	6'	<0.019	<0.039	<0.039	<0.077	<0.08	<3.9	<9.6	<48	<9.6	<48	260
5F-5	3/2/2022	5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<9.3	<46	770
5F-5A	3/17/2022	6'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<8.4	<42	<8.4	<42	350
5F-6	3/2/2022	5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	480
5W-1	3/2/2022	0'-5'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.5	<48	<9.5	<48	600
5W-2	3/2/2022	0'-5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<47	<9.5	<47	1,400
5W-2A	3/17/2022	0'-6'	<0.018	<0.037	<0.037	<0.074	<0.07	<3.7	<10	<50	<10	<50	420
5W-3	3/2/2022	0'-5'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	260
5W-4	3/2/2022	0'-5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<9.3	<46	280
6F-1	3/2/2022	6'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<50	<9.9	<50	710
6F-1A	3/17/2022	7'	<0.019	<0.039	<0.039	<0.078	<0.08	<3.9	<9.0	<45	<9.0	<45	<60
6F-2	3/2/2022	6'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.4	<47	<9.4	<47	1,300
6F-2A	3/17/2022	7'	<0.020	<0.040	<0.040	<0.080	<0.08	<4.0	<9.1	<46	<9.1	<46	85
6W-1	3/2/2022	0'-6'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	790
6W-1A	3/17/2022	0'-7'	<0.021	<0.041	<0.041	<0.083	<0.08	<4.1	<9.9	<50	<9.9	<50	<60
6W-2	3/2/2022	0'-6'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.3	<47	<9.3	<47	580
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')			10	---	---	---	50	---	---	---	---	100	600
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10³	---	---	---	50³	---	---	---	---	100³	600
Notes:													
1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.													
2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.													
3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.													
4. Strikethrough indicates 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. The view is towards the southwest.

(Approximate GPS: 32.687354, -104.538452)



PHOTOGRAPH NO. 2 – An additional view of the excavation/remediation area at the Site. The view is towards the northeast.

(Approximate GPS: 32.687244, -104.538644)



PHOTOGRAPH NO. 3 – A general view of the excavation/remediation area at the Site. The view is towards the south.

(Approximate GPS: 32.687361, -104.538527)

ATTACHMENT 2 – LABORATORY ANALYTICAL REPORTS



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

March 16, 2022

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

RE: Federal CW B Battery

OrderNo.: 2203296

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 23 sample(s) on 3/4/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-1

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:15:00 AM

Lab ID: 2203296-001

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	830	60		mg/Kg	20	3/10/2022 9:49:35 PM	66092
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	3/9/2022 3:57:51 PM	66027
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/9/2022 3:57:51 PM	66027
Surr: DNOP	88.3	51.1-141		%Rec	1	3/9/2022 3:57:51 PM	66027
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 4:25:00 AM	65982
Surr: BFB	106	70-130		%Rec	1	3/9/2022 4:25:00 AM	65982
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	3/9/2022 4:25:00 AM	65982
Toluene	ND	0.047		mg/Kg	1	3/9/2022 4:25:00 AM	65982
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 4:25:00 AM	65982
Xylenes, Total	ND	0.093		mg/Kg	1	3/9/2022 4:25:00 AM	65982
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	3/9/2022 4:25:00 AM	65982

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

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

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Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-2

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:14:00 AM

Lab ID: 2203296-002

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	300	60		mg/Kg	20	3/10/2022 6:15:47 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/9/2022 4:08:39 PM	66027
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/9/2022 4:08:39 PM	66027
Surr: DNOP	85.5	51.1-141		%Rec	1	3/9/2022 4:08:39 PM	66027
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/9/2022 4:45:00 AM	65982
Surr: BFB	96.0	70-130		%Rec	1	3/9/2022 4:45:00 AM	65982
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	3/9/2022 4:45:00 AM	65982
Toluene	ND	0.048		mg/Kg	1	3/9/2022 4:45:00 AM	65982
Ethylbenzene	ND	0.048		mg/Kg	1	3/9/2022 4:45:00 AM	65982
Xylenes, Total	ND	0.095		mg/Kg	1	3/9/2022 4:45:00 AM	65982
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	3/9/2022 4:45:00 AM	65982

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

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

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Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-3

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:23:00 AM

Lab ID: 2203296-003

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	500	61		mg/Kg	20	3/10/2022 6:52:50 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/9/2022 4:19:26 PM	66027
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/9/2022 4:19:26 PM	66027
Surr: DNOP	99.8	51.1-141		%Rec	1	3/9/2022 4:19:26 PM	66027
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 5:04:00 AM	65982
Surr: BFB	98.3	70-130		%Rec	1	3/9/2022 5:04:00 AM	65982
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	3/9/2022 5:04:00 AM	65982
Toluene	ND	0.050		mg/Kg	1	3/9/2022 5:04:00 AM	65982
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 5:04:00 AM	65982
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 5:04:00 AM	65982
Surr: 4-Bromofluorobenzene	84.2	70-130		%Rec	1	3/9/2022 5:04:00 AM	65982

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-4

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:29:00 AM

Lab ID: 2203296-004

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	480	60		mg/Kg	20	3/10/2022 7:05:11 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/9/2022 4:30:13 PM	66027
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/9/2022 4:30:13 PM	66027
Surr: DNOP	87.8	51.1-141		%Rec	1	3/9/2022 4:30:13 PM	66027
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 5:24:00 AM	65982
Surr: BFB	99.3	70-130		%Rec	1	3/9/2022 5:24:00 AM	65982
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	3/9/2022 5:24:00 AM	65982
Toluene	ND	0.047		mg/Kg	1	3/9/2022 5:24:00 AM	65982
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 5:24:00 AM	65982
Xylenes, Total	ND	0.094		mg/Kg	1	3/9/2022 5:24:00 AM	65982
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	3/9/2022 5:24:00 AM	65982

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-5

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:33:00 AM

Lab ID: 2203296-005

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	390	60		mg/Kg	20	3/10/2022 7:17:32 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/9/2022 4:41:02 PM	66027
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 4:41:02 PM	66027
Surr: DNOP	89.3	51.1-141		%Rec	1	3/9/2022 4:41:02 PM	66027
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/9/2022 5:43:00 AM	65982
Surr: BFB	97.4	70-130		%Rec	1	3/9/2022 5:43:00 AM	65982
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	3/9/2022 5:43:00 AM	65982
Toluene	ND	0.048		mg/Kg	1	3/9/2022 5:43:00 AM	65982
Ethylbenzene	ND	0.048		mg/Kg	1	3/9/2022 5:43:00 AM	65982
Xylenes, Total	ND	0.097		mg/Kg	1	3/9/2022 5:43:00 AM	65982
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	3/9/2022 5:43:00 AM	65982

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-6

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:37:00 AM

Lab ID: 2203296-006

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	670	60		mg/Kg	20	3/10/2022 7:29:52 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/8/2022 6:03:04 PM	66000
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/8/2022 6:03:04 PM	66000
Surr: DNOP	76.7	51.1-141		%Rec	1	3/8/2022 6:03:04 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 5:18:20 PM	65984
Surr: BFB	112	70-130		%Rec	1	3/9/2022 5:18:20 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 5:18:20 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 5:18:20 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 5:18:20 PM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 5:18:20 PM	65984
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/9/2022 5:18:20 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3W-1

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:39:00 AM

Lab ID: 2203296-007

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	320	60		mg/Kg	20	3/10/2022 7:42:12 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/8/2022 6:35:06 PM	66000
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/8/2022 6:35:06 PM	66000
Surr: DNOP	127	51.1-141		%Rec	1	3/8/2022 6:35:06 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 6:30:37 PM	65984
Surr: BFB	112	70-130		%Rec	1	3/9/2022 6:30:37 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 6:30:37 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 6:30:37 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 6:30:37 PM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 6:30:37 PM	65984
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/9/2022 6:30:37 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3W-2

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:41:00 AM

Lab ID: 2203296-008

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	810	60		mg/Kg	20	3/10/2022 7:54:33 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/8/2022 6:45:43 PM	66000
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/8/2022 6:45:43 PM	66000
Surr: DNOP	88.9	51.1-141		%Rec	1	3/8/2022 6:45:43 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 7:42:38 PM	65984
Surr: BFB	112	70-130		%Rec	1	3/9/2022 7:42:38 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 7:42:38 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 7:42:38 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 7:42:38 PM	65984
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 7:42:38 PM	65984
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/9/2022 7:42:38 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-1

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:15:00 AM

Lab ID: 2203296-009

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	260	59		mg/Kg	20	3/10/2022 8:06:54 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/8/2022 6:56:21 PM	66000
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/8/2022 6:56:21 PM	66000
Surr: DNOP	100	51.1-141		%Rec	1	3/8/2022 6:56:21 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 8:06:40 PM	65984
Surr: BFB	113	70-130		%Rec	1	3/9/2022 8:06:40 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 8:06:40 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 8:06:40 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 8:06:40 PM	65984
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 8:06:40 PM	65984
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/9/2022 8:06:40 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-2

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:19:00 AM

Lab ID: 2203296-010

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	710	60		mg/Kg	20	3/10/2022 8:43:58 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/8/2022 7:06:56 PM	66000
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/8/2022 7:06:56 PM	66000
Surr: DNOP	72.1	51.1-141		%Rec	1	3/8/2022 7:06:56 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 8:30:36 PM	65984
Surr: BFB	112	70-130		%Rec	1	3/9/2022 8:30:36 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/9/2022 8:30:36 PM	65984
Toluene	ND	0.049		mg/Kg	1	3/9/2022 8:30:36 PM	65984
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 8:30:36 PM	65984
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2022 8:30:36 PM	65984
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/9/2022 8:30:36 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-3

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:22:00 AM

Lab ID: 2203296-011

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	820	60		mg/Kg	20	3/10/2022 8:56:19 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/8/2022 7:17:33 PM	66000
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/8/2022 7:17:33 PM	66000
Surr: DNOP	59.8	51.1-141		%Rec	1	3/8/2022 7:17:33 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 8:54:29 PM	65984
Surr: BFB	110	70-130		%Rec	1	3/9/2022 8:54:29 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 8:54:29 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 8:54:29 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 8:54:29 PM	65984
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 8:54:29 PM	65984
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	3/9/2022 8:54:29 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-4

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:25:00 AM

Lab ID: 2203296-012

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	1400	60		mg/Kg	20	3/10/2022 9:08:40 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/8/2022 7:28:06 PM	66000
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/8/2022 7:28:06 PM	66000
Surr: DNOP	62.2	51.1-141		%Rec	1	3/8/2022 7:28:06 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 9:18:22 PM	65984
Surr: BFB	113	70-130		%Rec	1	3/9/2022 9:18:22 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 9:18:22 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 9:18:22 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 9:18:22 PM	65984
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 9:18:22 PM	65984
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/9/2022 9:18:22 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-5

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:27:00 AM

Lab ID: 2203296-013

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	770	60		mg/Kg	20	3/10/2022 9:21:00 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/8/2022 7:38:37 PM	66000
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/8/2022 7:38:37 PM	66000
Surr: DNOP	59.2	51.1-141		%Rec	1	3/8/2022 7:38:37 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 9:42:13 PM	65984
Surr: BFB	111	70-130		%Rec	1	3/9/2022 9:42:13 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 9:42:13 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 9:42:13 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 9:42:13 PM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 9:42:13 PM	65984
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/9/2022 9:42:13 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-6

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:29:00 AM

Lab ID: 2203296-014

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	480	60		mg/Kg	20	3/10/2022 9:33:21 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/8/2022 7:49:10 PM	66000
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/8/2022 7:49:10 PM	66000
Surr: DNOP	79.1	51.1-141		%Rec	1	3/8/2022 7:49:10 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 11:17:32 PM	65984
Surr: BFB	113	70-130		%Rec	1	3/9/2022 11:17:32 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 11:17:32 PM	65984
Toluene	ND	0.050		mg/Kg	1	3/9/2022 11:17:32 PM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 11:17:32 PM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 11:17:32 PM	65984
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/9/2022 11:17:32 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5W-1

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:32:00 AM

Lab ID: 2203296-015

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	600	60		mg/Kg	20	3/10/2022 9:45:42 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/8/2022 7:59:39 PM	66000
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/8/2022 7:59:39 PM	66000
Surr: DNOP	53.7	51.1-141		%Rec	1	3/8/2022 7:59:39 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 11:41:16 PM	65984
Surr: BFB	111	70-130		%Rec	1	3/9/2022 11:41:16 PM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 11:41:16 PM	65984
Toluene	ND	0.049		mg/Kg	1	3/9/2022 11:41:16 PM	65984
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 11:41:16 PM	65984
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 11:41:16 PM	65984
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/9/2022 11:41:16 PM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5W-2

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:34:00 AM

Lab ID: 2203296-016

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	1400	60		mg/Kg	20	3/10/2022 9:58:03 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/8/2022 8:10:13 PM	66000
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/8/2022 8:10:13 PM	66000
Surr: DNOP	56.8	51.1-141		%Rec	1	3/8/2022 8:10:13 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/10/2022 12:04:58 AM	65984
Surr: BFB	110	70-130		%Rec	1	3/10/2022 12:04:58 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/10/2022 12:04:58 AM	65984
Toluene	ND	0.050		mg/Kg	1	3/10/2022 12:04:58 AM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/10/2022 12:04:58 AM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/10/2022 12:04:58 AM	65984
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	3/10/2022 12:04:58 AM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5W-3

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:35:00 AM

Lab ID: 2203296-017

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	260	60		mg/Kg	20	3/10/2022 10:10:23 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/9/2022 7:59:19 PM	66000
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/9/2022 7:59:19 PM	66000
Surr: DNOP	93.8	51.1-141		%Rec	1	3/9/2022 7:59:19 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/10/2022 12:28:47 AM	65984
Surr: BFB	110	70-130		%Rec	1	3/10/2022 12:28:47 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/10/2022 12:28:47 AM	65984
Toluene	ND	0.049		mg/Kg	1	3/10/2022 12:28:47 AM	65984
Ethylbenzene	ND	0.049		mg/Kg	1	3/10/2022 12:28:47 AM	65984
Xylenes, Total	ND	0.098		mg/Kg	1	3/10/2022 12:28:47 AM	65984
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	3/10/2022 12:28:47 AM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5W-4

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:36:00 AM

Lab ID: 2203296-018

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	280	60		mg/Kg	20	3/10/2022 10:22:43 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/8/2022 8:31:17 PM	66000
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/8/2022 8:31:17 PM	66000
Surr: DNOP	52.5	51.1-141		%Rec	1	3/8/2022 8:31:17 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/10/2022 12:52:34 AM	65984
Surr: BFB	111	70-130		%Rec	1	3/10/2022 12:52:34 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/10/2022 12:52:34 AM	65984
Toluene	ND	0.050		mg/Kg	1	3/10/2022 12:52:34 AM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/10/2022 12:52:34 AM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/10/2022 12:52:34 AM	65984
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/10/2022 12:52:34 AM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 6F-1

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:37:00 AM

Lab ID: 2203296-019

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	710	60		mg/Kg	20	3/10/2022 10:35:03 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/8/2022 8:41:47 PM	66000
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/8/2022 8:41:47 PM	66000
Surr: DNOP	67.1	51.1-141		%Rec	1	3/8/2022 8:41:47 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/10/2022 1:16:15 AM	65984
Surr: BFB	108	70-130		%Rec	1	3/10/2022 1:16:15 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/10/2022 1:16:15 AM	65984
Toluene	ND	0.050		mg/Kg	1	3/10/2022 1:16:15 AM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/10/2022 1:16:15 AM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/10/2022 1:16:15 AM	65984
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	3/10/2022 1:16:15 AM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 6F-2

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:39:00 AM

Lab ID: 2203296-020

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	1300	60		mg/Kg	20	3/10/2022 11:12:05 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/8/2022 8:52:17 PM	66000
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/8/2022 8:52:17 PM	66000
Surr: DNOP	60.4	51.1-141		%Rec	1	3/8/2022 8:52:17 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/10/2022 1:39:52 AM	65984
Surr: BFB	108	70-130		%Rec	1	3/10/2022 1:39:52 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/10/2022 1:39:52 AM	65984
Toluene	ND	0.049		mg/Kg	1	3/10/2022 1:39:52 AM	65984
Ethylbenzene	ND	0.049		mg/Kg	1	3/10/2022 1:39:52 AM	65984
Xylenes, Total	ND	0.097		mg/Kg	1	3/10/2022 1:39:52 AM	65984
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	3/10/2022 1:39:52 AM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 6W-1

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:42:00 AM

Lab ID: 2203296-021

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	790	60		mg/Kg	20	3/10/2022 11:24:27 PM	66097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/8/2022 9:02:44 PM	66000
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/8/2022 9:02:44 PM	66000
Surr: DNOP	54.9	51.1-141		%Rec	1	3/8/2022 9:02:44 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/10/2022 2:03:27 AM	65984
Surr: BFB	109	70-130		%Rec	1	3/10/2022 2:03:27 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/10/2022 2:03:27 AM	65984
Toluene	ND	0.050		mg/Kg	1	3/10/2022 2:03:27 AM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/10/2022 2:03:27 AM	65984
Xylenes, Total	ND	0.099		mg/Kg	1	3/10/2022 2:03:27 AM	65984
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	3/10/2022 2:03:27 AM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 6W-2

Project: Federal CW B Battery

Collection Date: 3/2/2022 11:45:00 AM

Lab ID: 2203296-022

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	580	60		mg/Kg	20	3/10/2022 6:56:46 PM	66099
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/8/2022 9:13:12 PM	66000
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/8/2022 9:13:12 PM	66000
Surr: DNOP	60.2	51.1-141		%Rec	1	3/8/2022 9:13:12 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/10/2022 2:27:10 AM	65984
Surr: BFB	109	70-130		%Rec	1	3/10/2022 2:27:10 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/10/2022 2:27:10 AM	65984
Toluene	ND	0.050		mg/Kg	1	3/10/2022 2:27:10 AM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/10/2022 2:27:10 AM	65984
Xylenes, Total	ND	0.099		mg/Kg	1	3/10/2022 2:27:10 AM	65984
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	3/10/2022 2:27:10 AM	65984

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

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

Analytical Report

Lab Order 2203296

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3W-3

Project: Federal CW B Battery

Collection Date: 3/2/2022 10:50:00 AM

Lab ID: 2203296-023

Matrix: SOIL

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	200	60		mg/Kg	20	3/10/2022 7:09:11 PM	66099
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	3/8/2022 9:23:51 PM	66000
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/8/2022 9:23:51 PM	66000
Surr: DNOP	56.3	51.1-141		%Rec	1	3/8/2022 9:23:51 PM	66000
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/10/2022 2:50:47 AM	65984
Surr: BFB	107	70-130		%Rec	1	3/10/2022 2:50:47 AM	65984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/10/2022 2:50:47 AM	65984
Toluene	ND	0.050		mg/Kg	1	3/10/2022 2:50:47 AM	65984
Ethylbenzene	ND	0.050		mg/Kg	1	3/10/2022 2:50:47 AM	65984
Xylenes, Total	ND	0.10		mg/Kg	1	3/10/2022 2:50:47 AM	65984
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	3/10/2022 2:50:47 AM	65984

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203296

16-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: MB-66092	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66092	RunNo: 86387								
Prep Date: 3/10/2022	Analysis Date: 3/10/2022	SeqNo: 3047811	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66092	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66092	RunNo: 86387								
Prep Date: 3/10/2022	Analysis Date: 3/10/2022	SeqNo: 3047812	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			

Sample ID: MB-66097	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66097	RunNo: 86405								
Prep Date: 3/10/2022	Analysis Date: 3/10/2022	SeqNo: 3048070	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66097	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66097	RunNo: 86405								
Prep Date: 3/10/2022	Analysis Date: 3/10/2022	SeqNo: 3048071	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			

Sample ID: MB-66099	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66099	RunNo: 86410								
Prep Date: 3/10/2022	Analysis Date: 3/10/2022	SeqNo: 3048309	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66099	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66099	RunNo: 86410								
Prep Date: 3/10/2022	Analysis Date: 3/10/2022	SeqNo: 3048310	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203296

16-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: LCS-66000	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66000	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3045217	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.3	68.9	135			
Surr: DNOP	4.9		5.000		98.7	51.1	141			

Sample ID: MB-66000	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66000	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3045224	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		105	51.1	141			

Sample ID: MB-66027	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66027	RunNo: 86364								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3045932	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		104	51.1	141			

Sample ID: MB-66042	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66042	RunNo: 86364								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3045934	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.6		10.00		96.2	51.1	141			

Sample ID: LCS-66027	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66027	RunNo: 86364								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3045935	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	105	68.9	135			
Surr: DNOP	6.0		5.000		120	51.1	141			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203296

16-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: LCS-66042	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66042	RunNo: 86364								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3045937			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.9	51.1	141			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203296

16-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: ics-65982	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 65982	RunNo: 86332								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3044361	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.4	78.6	131			
Surr: BFB	1100		1000		113	70	130			

Sample ID: mb-65982	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 65982	RunNo: 86332								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3044362	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: mb-66023	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66023	RunNo: 86367								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3046040	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		104	70	130			

Sample ID: ics-66023	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66023	RunNo: 86367								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3046041	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2200		1000		216	70	130			S

Sample ID: mb-65984	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 65984	RunNo: 86367								
Prep Date: 3/7/2022	Analysis Date: 3/9/2022	SeqNo: 3046055	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		110	70	130			

Sample ID: ics-65984	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 65984	RunNo: 86367								
Prep Date: 3/7/2022	Analysis Date: 3/9/2022	SeqNo: 3046056	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	78.6	131			
Surr: BFB	1200		1000		124	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203296

16-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: ics-65982	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 65982	RunNo: 86332								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3044438	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.8	80	120			
Toluene	0.90	0.050	1.000	0	89.8	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.8	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.9	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.5	70	130			

Sample ID: mb-65982	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 65982	RunNo: 86332								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3044439	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.1	70	130			

Sample ID: mb-66023	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66023	RunNo: 86367								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3046084	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		97.0	70	130			

Sample ID: LCS-66023	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66023	RunNo: 86367								
Prep Date: 3/8/2022	Analysis Date: 3/9/2022	SeqNo: 3046085	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		98.8	70	130			

Sample ID: mb-65984	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 65984	RunNo: 86367								
Prep Date: 3/7/2022	Analysis Date: 3/9/2022	SeqNo: 3046101	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203296

16-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: mb-65984	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 65984	RunNo: 86367								
Prep Date: 3/7/2022	Analysis Date: 3/9/2022	SeqNo: 3046101	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: LCS-65984	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 65984	RunNo: 86367								
Prep Date: 3/7/2022	Analysis Date: 3/9/2022	SeqNo: 3046102	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	89.6	80	120			
Toluene	0.94	0.050	1.000	0	94.3	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.3	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2203296

RcptNo: 1

Received By: Cheyenne Cason 3/4/2022 8:00:00 AM

Completed By: Sean Livingston 3/4/2022 9:04:30 AM

Reviewed By: KPG 3/9/22

Handwritten signatures: Cason, Sean Livingston

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: Jn 3/4/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Rows 1 and 2.

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type) Excel

Turn-Around Time:

Standard Rush **5-DAY TAT**

Project Name: Federal CW-B Battery

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy

On Ice: Yes No

of Coolers: 2 5.1 - 0.2 = 4.9

Cooler Temp (including CF): 1.3 - 0.2 = 1.1

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name
3/2/2022	1127	Soil	5F-5
3/2/2022	1129	Soil	5F-6
3/2/2022	1132	Soil	5W-1
3/2/2022	1134	Soil	5W-2
3/2/2022	1135	Soil	5W-3
3/2/2022	1136	Soil	5W-4
3/2/2022	1137	Soil	6F-1
3/2/2022	1139	Soil	6F-2
3/2/2022	1142	Soil	6FW-1
3/2/2022	1145	Soil	6BW-2
3/2	10150	soil	3W-3
			per sample bottle

1 x 4oz Jar

Ice

013

1 x 4oz Jar

Ice

014

1 x 4oz Jar

Ice

015

1 x 4oz Jar

Ice

016

1 x 4oz Jar

Ice

017

1 x 4oz Jar

Ice

018

1 x 4oz Jar

Ice

017

1 x 4oz Jar

Ice

020

1 x 4oz Jar

Ice

021

1 x 4oz Jar

Ice

022

3/2

10150

soil

3W-3

per sample bottle

3/14/22

-023

Date: 3/3/20 0800

Relinquished by: *W. Kennedy*

Via: *Albuquerque*

Date: 3/3/22

Time: 0800

Date: 3/3/22

Relinquished by: *Albuquerque*

Via: *Car*

Date: 3/4/22

Time: 0800

Remarks: Bill to EOG Artesia

Analysis Request

TFH:8015D(GRO / DRO / MRO)

BTFX (8021)

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

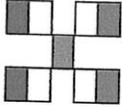
X

X

X

X

X



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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



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

March 25, 2022

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

RE: Federal CW B Battery

OrderNo.: 2203A86

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 11 sample(s) on 3/19/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 6F-1A

Project: Federal CW B Battery

Collection Date: 3/17/2022 9:00:00 AM

Lab ID: 2203A86-001

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	3/21/2022 3:11:45 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/21/2022 12:31:49 PM	66286
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/21/2022 12:31:49 PM	66286
Surr: DNOP	100	51.1-141		%Rec	1	3/21/2022 12:31:49 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	3/19/2022 5:49:00 PM	B86605
Surr: BFB	101	70-130		%Rec	1	3/19/2022 5:49:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.019		mg/Kg	1	3/19/2022 5:49:00 PM	C86605
Toluene	ND	0.039		mg/Kg	1	3/19/2022 5:49:00 PM	C86605
Ethylbenzene	ND	0.039		mg/Kg	1	3/19/2022 5:49:00 PM	C86605
Xylenes, Total	ND	0.078		mg/Kg	1	3/19/2022 5:49:00 PM	C86605
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	3/19/2022 5:49:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 6F-2A

Project: Federal CW B Battery

Collection Date: 3/17/2022 9:02:00 AM

Lab ID: 2203A86-002

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	85	60		mg/Kg	20	3/21/2022 3:48:59 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	3/21/2022 12:42:19 PM	66286
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/21/2022 12:42:19 PM	66286
Surr: DNOP	98.6	51.1-141		%Rec	1	3/21/2022 12:42:19 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	3/19/2022 6:47:00 PM	B86605
Surr: BFB	101	70-130		%Rec	1	3/19/2022 6:47:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.020		mg/Kg	1	3/19/2022 6:47:00 PM	C86605
Toluene	ND	0.040		mg/Kg	1	3/19/2022 6:47:00 PM	C86605
Ethylbenzene	ND	0.040		mg/Kg	1	3/19/2022 6:47:00 PM	C86605
Xylenes, Total	ND	0.080		mg/Kg	1	3/19/2022 6:47:00 PM	C86605
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	3/19/2022 6:47:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 6W-1A

Project: Federal CW B Battery

Collection Date: 3/17/2022 9:04:00 AM

Lab ID: 2203A86-003

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	3/21/2022 5:40:41 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/21/2022 12:52:49 PM	66286
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/21/2022 12:52:49 PM	66286
Surr: DNOP	103	51.1-141		%Rec	1	3/21/2022 12:52:49 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	3/19/2022 7:07:00 PM	B86605
Surr: BFB	106	70-130		%Rec	1	3/19/2022 7:07:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.021		mg/Kg	1	3/19/2022 7:07:00 PM	C86605
Toluene	ND	0.041		mg/Kg	1	3/19/2022 7:07:00 PM	C86605
Ethylbenzene	ND	0.041		mg/Kg	1	3/19/2022 7:07:00 PM	C86605
Xylenes, Total	ND	0.083		mg/Kg	1	3/19/2022 7:07:00 PM	C86605
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	3/19/2022 7:07:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-1A

Project: Federal CW B Battery

Collection Date: 3/17/2022 10:14:00 AM

Lab ID: 2203A86-004

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	160	60		mg/Kg	20	3/21/2022 5:53:06 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/21/2022 1:03:21 PM	66286
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/21/2022 1:03:21 PM	66286
Surr: DNOP	98.2	51.1-141		%Rec	1	3/21/2022 1:03:21 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	3/19/2022 7:26:00 PM	B86605
Surr: BFB	105	70-130		%Rec	1	3/19/2022 7:26:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.018		mg/Kg	1	3/19/2022 7:26:00 PM	C86605
Toluene	ND	0.035		mg/Kg	1	3/19/2022 7:26:00 PM	C86605
Ethylbenzene	ND	0.035		mg/Kg	1	3/19/2022 7:26:00 PM	C86605
Xylenes, Total	ND	0.070		mg/Kg	1	3/19/2022 7:26:00 PM	C86605
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	3/19/2022 7:26:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3F-6A

Project: Federal CW B Battery

Collection Date: 3/17/2022 10:17:00 AM

Lab ID: 2203A86-005

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	280	60		mg/Kg	20	3/21/2022 6:05:31 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/21/2022 1:13:53 PM	66286
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/21/2022 1:13:53 PM	66286
Surr: DNOP	92.5	51.1-141		%Rec	1	3/21/2022 1:13:53 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	3/19/2022 7:46:00 PM	B86605
Surr: BFB	113	70-130		%Rec	1	3/19/2022 7:46:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.019		mg/Kg	1	3/19/2022 7:46:00 PM	C86605
Toluene	ND	0.038		mg/Kg	1	3/19/2022 7:46:00 PM	C86605
Ethylbenzene	ND	0.038		mg/Kg	1	3/19/2022 7:46:00 PM	C86605
Xylenes, Total	ND	0.077		mg/Kg	1	3/19/2022 7:46:00 PM	C86605
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	3/19/2022 7:46:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-2A

Project: Federal CW B Battery

Collection Date: 3/17/2022 1:09:00 PM

Lab ID: 2203A86-006

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	340	60		mg/Kg	20	3/21/2022 6:17:56 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	3/21/2022 1:24:26 PM	66286
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	3/21/2022 1:24:26 PM	66286
Surr: DNOP	112	51.1-141		%Rec	1	3/21/2022 1:24:26 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	3/19/2022 8:06:00 PM	B86605
Surr: BFB	113	70-130		%Rec	1	3/19/2022 8:06:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.017		mg/Kg	1	3/19/2022 8:06:00 PM	C86605
Toluene	ND	0.034		mg/Kg	1	3/19/2022 8:06:00 PM	C86605
Ethylbenzene	ND	0.034		mg/Kg	1	3/19/2022 8:06:00 PM	C86605
Xylenes, Total	ND	0.067		mg/Kg	1	3/19/2022 8:06:00 PM	C86605
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	3/19/2022 8:06:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-3A

Project: Federal CW B Battery

Collection Date: 3/17/2022 10:20:00 AM

Lab ID: 2203A86-007

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	220	60		mg/Kg	20	3/21/2022 6:55:10 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/21/2022 1:34:59 PM	66286
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/21/2022 1:34:59 PM	66286
Surr: DNOP	95.3	51.1-141		%Rec	1	3/21/2022 1:34:59 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	3/19/2022 8:26:00 PM	B86605
Surr: BFB	107	70-130		%Rec	1	3/19/2022 8:26:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.016		mg/Kg	1	3/19/2022 8:26:00 PM	C86605
Toluene	ND	0.033		mg/Kg	1	3/19/2022 8:26:00 PM	C86605
Ethylbenzene	ND	0.033		mg/Kg	1	3/19/2022 8:26:00 PM	C86605
Xylenes, Total	ND	0.065		mg/Kg	1	3/19/2022 8:26:00 PM	C86605
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	3/19/2022 8:26:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-4A

Project: Federal CW B Battery

Collection Date: 3/17/2022 10:23:00 AM

Lab ID: 2203A86-008

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	260	61		mg/Kg	20	3/21/2022 7:07:34 PM	66288
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/21/2022 1:45:35 PM	66286
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/21/2022 1:45:35 PM	66286
Surr: DNOP	94.8	51.1-141		%Rec	1	3/21/2022 1:45:35 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	3/19/2022 8:45:00 PM	B86605
Surr: BFB	102	70-130		%Rec	1	3/19/2022 8:45:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.019		mg/Kg	1	3/19/2022 8:45:00 PM	C86605
Toluene	ND	0.039		mg/Kg	1	3/19/2022 8:45:00 PM	C86605
Ethylbenzene	ND	0.039		mg/Kg	1	3/19/2022 8:45:00 PM	C86605
Xylenes, Total	ND	0.077		mg/Kg	1	3/19/2022 8:45:00 PM	C86605
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	3/19/2022 8:45:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5F-5A

Project: Federal CW B Battery

Collection Date: 3/17/2022 10:25:00 AM

Lab ID: 2203A86-009

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	350	59		mg/Kg	20	3/21/2022 7:44:48 PM	66306
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	3/21/2022 1:56:09 PM	66286
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	3/21/2022 1:56:09 PM	66286
Surr: DNOP	95.3	51.1-141		%Rec	1	3/21/2022 1:56:09 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	3/19/2022 9:05:00 PM	B86605
Surr: BFB	103	70-130		%Rec	1	3/19/2022 9:05:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.019		mg/Kg	1	3/19/2022 9:05:00 PM	C86605
Toluene	ND	0.038		mg/Kg	1	3/19/2022 9:05:00 PM	C86605
Ethylbenzene	ND	0.038		mg/Kg	1	3/19/2022 9:05:00 PM	C86605
Xylenes, Total	ND	0.076		mg/Kg	1	3/19/2022 9:05:00 PM	C86605
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	3/19/2022 9:05:00 PM	C86605

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

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

Analytical Report

Lab Order **2203A86**

Date Reported: **3/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 5W-2A

Project: Federal CW B Battery

Collection Date: 3/17/2022 1:35:00 PM

Lab ID: 2203A86-011

Matrix: MEOH (SOIL)

Received Date: 3/19/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	420	60		mg/Kg	20	3/21/2022 7:57:13 PM	66306
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/21/2022 2:06:44 PM	66286
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/21/2022 2:06:44 PM	66286
Surr: DNOP	93.2	51.1-141		%Rec	1	3/21/2022 2:06:44 PM	66286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	3/19/2022 9:44:00 PM	B86605
Surr: BFB	107	70-130		%Rec	1	3/19/2022 9:44:00 PM	B86605
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.018		mg/Kg	1	3/19/2022 9:44:00 PM	C86605
Toluene	ND	0.037		mg/Kg	1	3/19/2022 9:44:00 PM	C86605
Ethylbenzene	ND	0.037		mg/Kg	1	3/19/2022 9:44:00 PM	C86605
Xylenes, Total	ND	0.074		mg/Kg	1	3/19/2022 9:44:00 PM	C86605
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	3/19/2022 9:44:00 PM	C86605

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203A86

25-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: MB-66288	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66288	RunNo: 86641								
Prep Date: 3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3058762	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66288	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66288	RunNo: 86641								
Prep Date: 3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3058763	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.0	90	110			

Sample ID: MB-66306	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66306	RunNo: 86641								
Prep Date: 3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3058800	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66306	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66306	RunNo: 86641								
Prep Date: 3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3058801	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Sample ID: MB-66306	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66306	RunNo: 86682								
Prep Date: 3/21/2022	Analysis Date: 3/22/2022	SeqNo: 3060597	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66306	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66306	RunNo: 86682								
Prep Date: 3/21/2022	Analysis Date: 3/22/2022	SeqNo: 3060598	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203A86

25-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: LCS-66286	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66286	RunNo: 86603								
Prep Date: 3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3057396	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.0	68.9	135			
Surr: DNOP	4.0		5.000		80.2	51.1	141			

Sample ID: MB-66286	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66286	RunNo: 86603								
Prep Date: 3/21/2022	Analysis Date: 3/21/2022	SeqNo: 3057398	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.0	51.1	141			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203A86

25-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: B86605		RunNo: 86605							
Prep Date:	Analysis Date: 3/19/2022		SeqNo: 3057175		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	115	78.6	131			
Surr: BFB	2300		1000		227	70	130			S

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: B86605		RunNo: 86605							
Prep Date:	Analysis Date: 3/19/2022		SeqNo: 3057176		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203A86

25-Mar-22

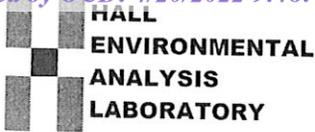
Client: EOG
Project: Federal CW B Battery

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: C86605	RunNo: 86605								
Prep Date:	Analysis Date: 3/19/2022	SeqNo: 3057193	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.7	80	120			
Toluene	0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.9	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.9	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: C86605	RunNo: 86605								
Prep Date:	Analysis Date: 3/19/2022	SeqNo: 3057194	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.8	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2203A86

RcptNo: 1

Received By: Isaiah Ortiz

3/18/2022 3:40:00 PM

IOX

Completed By: Isaiah Ortiz

3/19/2022 10:48:40 AM

IOX

Reviewed By: IO 03/19/2022

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: IO 3/19/22 (<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 4.0, Good, Yes, , ,



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

March 31, 2022

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

RE: Federal CW B Battery

OrderNo.: 2203E29

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/26/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2203E29

Date Reported: 3/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3W-2A

Project: Federal CW B Battery

Collection Date: 3/25/2022 8:35:00 AM

Lab ID: 2203E29-001

Matrix: MEOH (SOIL)

Received Date: 3/26/2022 1:50:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	780	61		mg/Kg	20	3/29/2022 3:04:22 PM	66458
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/29/2022 11:29:43 AM	66449
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/29/2022 11:29:43 AM	66449
Surr: DNOP	123	51.1-141		%Rec	1	3/29/2022 11:29:43 AM	66449
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	3/26/2022 7:31:00 PM	A86770
Surr: BFB	99.5	37.7-212		%Rec	1	3/26/2022 7:31:00 PM	A86770
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.022		mg/Kg	1	3/26/2022 7:31:00 PM	B86770
Toluene	ND	0.045		mg/Kg	1	3/26/2022 7:31:00 PM	B86770
Ethylbenzene	ND	0.045		mg/Kg	1	3/26/2022 7:31:00 PM	B86770
Xylenes, Total	ND	0.089		mg/Kg	1	3/26/2022 7:31:00 PM	B86770
Surr: 4-Bromofluorobenzene	80.7	70-130		%Rec	1	3/26/2022 7:31:00 PM	B86770

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

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

Page 1 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203E29

31-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: MB-66458	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66458	RunNo: 86819								
Prep Date: 3/29/2022	Analysis Date: 3/29/2022	SeqNo: 3067569	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66458	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66458	RunNo: 86819								
Prep Date: 3/29/2022	Analysis Date: 3/29/2022	SeqNo: 3067570	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203E29

31-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: LCS-66449	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66449	RunNo: 86803								
Prep Date: 3/28/2022	Analysis Date: 3/29/2022	SeqNo: 3065694	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.2	68.9	135			
Surr: DNOP	4.3		5.000		86.1	51.1	141			

Sample ID: MB-66449	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66449	RunNo: 86803								
Prep Date: 3/28/2022	Analysis Date: 3/29/2022	SeqNo: 3065695	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		109	51.1	141			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203E29

31-Mar-22

Client: EOG
Project: Federal CW B Battery

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: A86770	RunNo: 86770								
Prep Date:	Analysis Date: 3/26/2022	SeqNo: 3064050	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	72.3	137			
Surr: BFB	2300		1000		226	37.7	212			S

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: A86770	RunNo: 86770								
Prep Date:	Analysis Date: 3/26/2022	SeqNo: 3064051	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	37.7	212			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2203E29

31-Mar-22

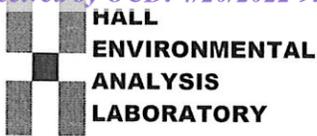
Client: EOG
Project: Federal CW B Battery

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: B86770	RunNo: 86770								
Prep Date:	Analysis Date: 3/26/2022	SeqNo: 3064068	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.1	80	120			
Toluene	0.95	0.050	1.000	0	94.5	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.6	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		87.7	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: B86770	RunNo: 86770								
Prep Date:	Analysis Date: 3/26/2022	SeqNo: 3064069	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.3	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2203E29

RcptNo: 1

Received By: Tracy Casarrubias 3/26/2022 1:50:00 PM

Completed By: Desiree Dominguez 3/26/2022 1:58:32 PM

Reviewed By: [Signature] 3/26/22

[Signature]

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: DAD 3/26/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

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



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

April 12, 2022

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Federal CW B Battery

OrderNo.: 2204121

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/5/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2204121**

Date Reported: **4/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 3W-2B

Project: Federal CW B Battery

Collection Date: 4/4/2022 9:33:00 AM

Lab ID: 2204121-001

Matrix: MEOH (SOIL)

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	200	60		mg/Kg	20	4/6/2022 1:14:12 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/6/2022 11:54:22 AM	66650
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/6/2022 11:54:22 AM	66650
Surr: DNOP	68.2	51.1-141		%Rec	1	4/6/2022 11:54:22 AM	66650
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	4/5/2022 3:56:00 PM	66615
Surr: BFB	91.4	37.7-212		%Rec	1	4/5/2022 3:56:00 PM	66615
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.017		mg/Kg	1	4/5/2022 3:56:00 PM	66615
Toluene	ND	0.033		mg/Kg	1	4/5/2022 3:56:00 PM	66615
Ethylbenzene	ND	0.033		mg/Kg	1	4/5/2022 3:56:00 PM	66615
Xylenes, Total	ND	0.066		mg/Kg	1	4/5/2022 3:56:00 PM	66615
Surr: 4-Bromofluorobenzene	77.1	70-130		%Rec	1	4/5/2022 3:56:00 PM	66615

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204121

12-Apr-22

Client: EOG
Project: Federal CW B Battery

Sample ID: MB-66668	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66668	RunNo: 87045								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3077511	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66668	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66668	RunNo: 87045								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3077512	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.9	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2204121

12-Apr-22

Client: EOG
Project: Federal CW B Battery

Sample ID: MB-66650	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66650	RunNo: 87033								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3075736	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		86.1	51.1	141			

Sample ID: LCS-66650	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66650	RunNo: 87033								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3075737	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.4	68.9	135			
Surr: DNOP	4.2		5.000		84.5	51.1	141			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2204121

12-Apr-22

Client: EOG
Project: Federal CW B Battery

Sample ID: ics-66615	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66615	RunNo: 87013								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074546	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	72.3	137			
Surr: BFB	2100		1000		205	37.7	212			

Sample ID: mb-66615	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66615	RunNo: 87013								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074547	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		92.8	37.7	212			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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#: 2204121

12-Apr-22

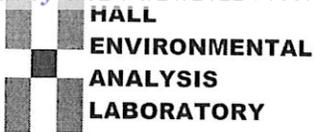
Client: EOG
Project: Federal CW B Battery

Sample ID: ics-66615	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66615	RunNo: 87013								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074595	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	1.000	0	80.9	80	120			
Toluene	0.82	0.050	1.000	0	81.7	80	120			
Ethylbenzene	0.82	0.050	1.000	0	81.5	80	120			
Xylenes, Total	2.4	0.10	3.000	0	80.6	80	120			
Surr: 4-Bromofluorobenzene	0.78		1.000		78.4	70	130			

Sample ID: mb-66615	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66615	RunNo: 87013								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074596	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	0.76		1.000		75.9	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2204121 RcptNo: 1

Received By: Tracy Casarrubias 4/5/2022 8:00:00 AM

Completed By: Sean Livingston 4/5/2022 8:56:36 AM

Reviewed By: Cmc 4/5/22

Signature of Sean Livingston

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: JLC 4/5/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 5.6, Good, [], [], []

ATTACHMENT 3 – NMOCD CORRESPONDENCE

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, January 31, 2022 3:09 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 67997

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 approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2127159445, with the following conditions:

- None

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-476-3441
Jennifer.Nobui@state.nm.us

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: Wednesday, February 23, 2022 3:37 PM
To: Robert Hamlet <Robert.Hamlet@state.nm.us>; blm_nm_cfo_spill@blm.gov; Alan & Cheryl <ahowell@pvt.net>; Austin Weyant <austin@atkinseng.com>
& Andrea Felix <Andrea_Felix@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; BODEE EUDY <BODEE_EUDY@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>
Subject: Federal CW-B 2 (nAPP2127159445) Sampling Notification

Good Afternoon,
Eog Resources, Inc. respectfully submits notification of sampling activities to be conducted at the below site.

Federal CW-B 2
-19S-24E
Sandy County, NM
APP2127159445

Sampling will begin at 8:00 a.m. on Wednesday, March 2, 2022.

Thank you,

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



Released to Imaging: 5/12/2022 3:17:33 PM

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, March 14, 2022 4:38 PM
To: Robert.Hamlet@state.nm.us; blm_nm_cfo_spill@blm.gov; Alan & Cheryl <ahowell@pvt.net>; Austin Weyant <austin@atkinseng.com>
Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; BODEE EUDY <BODEE_EUDY@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>
Subject: Federal CW-B 2 (nAPP2127159445) Sampling Notification

Good afternoon,
E G Resources, Inc. respectfully submits notification of sampling activities to be conducted at the below site.

Federal CW-B 2
J-19S-24E
Eddy County, NM
nAPP2127159445

Sampling will begin at 8:00 a.m. on Thursday, March 17, 2022.

Thank you,

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



Released to Imaging: 5/12/2022 3:47:33 PM

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, March 22, 2022 4:13 PM
To: Robert Hamlet <Robert_Hamlet@state.nm.us>; blm_nm_cfo_spill@blm.gov; Alan & Cheryl <ahowell@pvt.net>; Austin Weyant <austin@atkinseng.com>
Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; BODEE EUDY <BODEE_EUDY@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>
Subject: Federal CW-B 2 (nAPP2127159445) Sampling Notification

Good afternoon,
Eog Resources, Inc. respectfully submits notification of sampling activities to be conducted at the below site.

Federal CW-B 2
-19S-24E
Sandoval County, NM
APP2127159445

Sampling will begin at 8:00 a.m. on Friday, March 25, 2022.

Thank you,

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



Released for Imaging: 3/12/2022 3:17:33 PM

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, March 31, 2022 9:45 AM
To: Robert.Hamlet@state.nm.us; blm_nm_cfo_spill@blm.gov; Alan & Cheryl <ahowell@pvt.net>; Austin Weyant <austin@atkinseng.com>
Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; BODEE EUDY <BODEE_EUDY@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>
Subject: Federal CW-B 2 (nAPP2127159445) Sampling Notification

Good Morning,
E3 Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Federal CW-B 2
J 19S-24E
Eddy County, NM
n APP2127159445

Sampling will begin at 8:15 a.m. on Monday, April 4, 2022.

Thank you,

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



Released to Imaging: 5/12/2022 3:43 PM

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 100172

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 100172
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	5/12/2022