



**SITE CHARACTERIZATION, REMEDIATION, AND CLOSURE
REPORT**

**MOBIL CI #8
UNIT I, SECTION 6, T19S-R25E
EDDY COUNTY, NEW MEXICO
32.687642, -104.517754
RANGER REFERENCE NO. 5375**

PREPARED FOR:

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

PREPARED BY:

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

DECEMBER 3, 2021

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

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

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

**William Kierdorf, REM
Project Manager**

TABLE OF CONTENTS

1.0 SITE LOCATION AND BACKGROUND 1

2.0 SITE CHARACTERIZATION 1

 2.1 Depth-to-Groundwater 1

 2.2 Wellhead Protection Area 2

 2.3 Distance to Nearest Significant Watercourse 2

 2.4 Closure Criteria 2

3.0 SITE ASSESSMENT, REMEDIATION, AND CONFIRMATION SAMPLING 3

 3.1 August 27, 2021 – Initial Site Assessment and Sampling Results 3

 3.2 Site Remediation and Confirmation Sampling..... 4

 3.3 Waste Disposal 5

4.0 SITE CLOSURE 5

 4.1 Site Backfill and Re-seeding 5

 4.2 Closure Request 5

FORM C-141

FIGURES

- Topographic Map
- Area Map
- Water Well Location Map
- National Wetland Inventory Map
- FEMA Floodplain Map
- Karst Topography Map
- Sample Location Map (08/27/2021)
- Excavation and Confirmation Sample Location Map

TABLES

- Table 1 - Site Assessment Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data
- Table 2 - Confirmation Sample Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

ATTACHMENTS

- Attachment 1 – USGS and NMOSE Water Well Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Laboratory Analytical Reports
- Attachment 4 – Howell Ranch Seed Mixture



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1.0 SITE LOCATION AND BACKGROUND

The Mobil CI #8 (Site) is located on private property, approximately 12.7 miles southwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit I, Section 6, T19S-R25E at GPS coordinates 32.687642, -104.517754.

On August 5, 2021, during a site visit tour, Howell Ranch Revocable Trust representatives identified two areas of concern located west of the historic Mobil CI #8 well pad location. The areas of concern were identified and reported due to lack of vegetation growth.

EOG Resources, Inc. (EOG) has engaged Ranger Environmental Services, Inc. (Ranger) to assist in the assessment, remediation, and reclamation efforts at the Site. On August 27, 2021, Ranger and representatives of EOG conducted a site assessment at the reported locations and documented elevated soil concentrations in one of the two areas. Upon review, it appeared that the impacts were possibly related to a historic release along a removed above-ground flowline that had been closed by the NMOCD under less stringent guidelines. Based on the findings of the August 27, 2021 site assessment, the incident was reported to the New Mexico Oil Conservation Division (NMOCD) on September 17, 2021 (NMOCD Incident # nAPP2126049753).

The following work plan has been prepared to document the activities undertaken to address the soil impacts at the Site.

The previously submitted Initial C-141 Form Release Notification, as well as the Site Assessment/Characterization, Remediation Plan and closure sections of Form C-141, are attached. A Topographic Map and Area Map noting the location of the subject property and surrounding areas, and a Site Map illustrating the Site features and sampling locations, are provided in the Figures section.

2.0 SITE CHARACTERIZATION

2.1 Depth-to-Groundwater

To determine the depth-to-groundwater in the vicinity of the Site, data available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE) was reviewed. Based upon the reviewed information, water well information within a half-mile of the Site is limited. One well identified on the NMOSE database (RA 05286-(2A)) was plotted within a half-mile of the site. However, based on field reconnaissance it appears that the well location

information is incorrect as no well was located in the reported area. Based on the available information, depth-to-groundwater in the area of the Site is believed to be greater than 100 feet. Copies of the reviewed depth-to-groundwater information is attached.

2.2 Wellhead Protection Area

Based upon the USGS and NMOSE information, and the field reconnaissance survey, no water wells were identified within a half-mile of the Site.

Upon review of the National Wetland Inventory, the impacted area is not within 300 feet of a mapped feature.

The Site and impacted area are outside of the FEMA 100-year flood plain and fall in the area of minimal flood hazard.

The Site is noted to be in an area of “Medium Karst” probability.

2.3 Distance to Nearest Significant Watercourse

Based upon available online resources, no significant water courses are located within a half-mile of the site.

2.4 Closure Criteria

Based upon the Site characterization details, and per NMAC 19.15.29.12, the Site was remediated to Table 1 19.15.29.12 NMAC (groundwater ≤50 feet) criteria. Additionally, the remediation activities were conducted to bring the area into compliance with the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. The proposed closure criteria are detailed below:

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

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



3.0 SITE ASSESSMENT, REMEDIATION, AND CONFIRMATION SAMPLING

3.1 August 27, 2021 – Initial Site Assessment and Sampling Results

On August 27, 2021, Ranger personnel and representatives for EOG mobilized to the Site to conduct soil delineation activities. As summarized above, two areas of concern were reported to EOG by Howell Ranch Revocable Trust (hereafter referred to as the “Northwestern assessment area or SP-NW” and “Southeastern assessment area or SP-SE”).

To assess the soils in the reported areas of concern, an initial five sample points were completed in each of the two areas. In both areas of concern, a sample point was completed in the approximate midpoint of the reported area of concern, and one sample point was then completed in each cardinal direction from the midpoint of the area of concern. The sample points were initially completed to a depth of approximately one foot below ground surface (bgs). Ranger personnel field screened the soils at the surface and at the one-foot depth interval using an organic vapor monitor (OVM) and a field chloride titration kit to assist in evaluating the soil conditions.

The field readings for the Northwestern assessment area (SP-NW) indicated that no adverse conditions were present. Field chloride titrations indicated the levels were below the applicable 600 ppm criteria. No elevated OVM readings, discolored soils, or hydrocarbon odors were observed. To confirm the site conditions, grab soil samples were collected from each sample point at the surface and one foot depth interval for laboratory analysis.

Within the Southeastern assessment area (SP-SE), field chloride readings from the sample locations at the midpoint, to the north of the midpoint, and to the east of the midpoint indicated the levels were below the applicable 600 ppm criteria. No elevated OVM readings, discolored soils, or hydrocarbon odors were observed. However, the sample locations located to the south (SP-SE-S) and west (SP-SE-W) exhibited elevated field chloride concentrations at the one foot depth interval.

To assess the vertical extent of the elevated field chloride concentrations, test excavations were completed using a backhoe at the SP-SE-S and SP-SE-W locations. The test excavations were completed to maximum depths of approximately eight feet (SP-SE-S) and 10 feet (SP-SE-W), where field readings were found to be within the applicable closure criteria.

To assess the horizontal extent of the elevated field chloride concentrations, two additional sample points (SP-SE-W.1 and SP-SE-S.1) were completed to a depth of one-foot bgs. The SP-SE-S.1 sample point was located approximately 15 feet south of the initial southern sample point/test excavation. The SP-SE-W.1 sample point was located approximately 15 feet west of the initial western sample point/test excavation. At both of these locations the field chloride readings indicated that the areas were within the applicable regulatory criteria.

To confirm the site conditions, soil samples for laboratory analysis were collected from each sample point/test excavation location. At the shallow (1'-deep) sample locations, grab soil samples for laboratory analysis were collected from the surface and one foot depth intervals. At the two test excavation locations, three soil samples were collected for laboratory analysis from each location.

In summary, a total of 26 soil samples were collected for laboratory analysis from both of the reported areas of concern. Upon collection, the soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and, total chloride using EPA Method 300. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the laboratory results for the samples collected from the Northwestern assessment area (SP-NW), all samples collected were documented to have chloride, BTEX and TPH concentrations within the applicable regulatory criteria. As such, no remedial efforts were warranted in this area.

The laboratory analytical results for the samples collected in the Southeastern assessment area (SP-SE) confirmed that elevated chloride concentrations were present the SP-SE-S and SP-SE-W sample locations. The remaining five sample locations were documented to have chloride concentrations within the applicable regulatory criteria. All of the samples collected from the area were documented to have BTEX and TPH concentrations within the regulatory criteria.

The initial assessment soil sample analytical results are summarized in Table 1. Copies of the laboratory analytical reports are also attached.

3.2 Site Remediation and Confirmation Sampling

Based on the initial site assessment results, soil removal operations were completed in the Southeastern assessment area (SP-SE) to address the elevated chloride concentrations.

From October 27th to November 10th, soil removal operations were conducted at the site. During the excavation process, Ranger personnel collected field readings from the excavated areas utilizing an OVM and field chloride titration kit to confirm the excavation was completed to appropriate boundaries. Due to the observed readings, the excavation was completed to larger boundaries than previously observed during the initial assessment process of the area.

To assess the excavated area and confirm that all elevated chloride and TPH concentrations had been removed, on November 10th, 2021 confirmation soil samples were collected as five-part composite samples in accordance with NMAC 19.15.29.12 with each sample representing less than 200 square feet. Upon collection, the soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of TPH, BTEX, and chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the sample results from November 10th, 2021 sampling event, three samples were documented to have chloride concentrations above the applicable regulatory criteria. One sample from the excavation floor ("F-7") and two samples collected from the excavation side walls ("W-12" & "W-13") were documented to have chloride concentrations above the regulatory criteria of 600 ppm. The remaining samples were documented to have concentrations below the applicable 600 ppm chloride regulatory criteria. All of the samples collected were documented to have BTEX and TPH concentrations within the regulatory criteria.

On November 18th, 2021, additional excavation activities were completed in the areas noted to remain in exceedance of the applicable cleanup criteria. Upon completion, additional cleanup confirmation soil samples were collected from the over-excavated locations. These samples were

also collected in compliance with NMAC 19.15.29.12 with each sample representing less than 200 square feet. Upon collection, the soil samples were submitted to Hall Environmental Laboratories in Albuquerque, New Mexico for analysis of TPH, BTEX, and total chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the laboratory analytical results for the samples collected during the November 18th, 2021 sampling event, all three samples were documented to have chloride, BTEX and TPH concentrations within the applicable regulatory criteria.

3.3 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. Approximately 1,600 cubic yards of material were excavated and transported to disposal from the Site.

4.0 SITE CLOSURE

4.1 Site Backfill and Re-seeding

Based on the soil sample laboratory results the excavated area will be backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13. The area will be re-seeded with the surface owner directed seed mixture. A copy of the seed mixture is attached.

4.2 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

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

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

Incident ID	nAPP2126049753
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) nAPP2126049753
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.68768 Longitude -104.51778
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Mobil CI Federal #8	Site Type Flowline
Date Release Discovered 09/08/2021	API# (if applicable) 30-015-23274

Unit Letter	Section	Township	Range	County
I	6	19S	25E	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 discovered along the past flowline, believed to have been part of previous remediation project closed with less stringent guidance. A C-141 is being submitted due to the volume of the original release being of a reportable quantity.

State of New Mexico
 Oil Conservation Division

Incident ID	nAPP2126049753
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>09/17/2021</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>9/20/2021</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

Page 4

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 49910

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 49910
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	9/20/2021

Incident ID	nAPP2126049753
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?	<u>>100'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input 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 checked="" 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 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.

Incident ID	nAPP2126049753
District RP	
Facility ID	
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 12/7/2021
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2126049753
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 (**Volume is to be determined**)
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 12/7/2021
 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: _____ Date: _____

Incident ID	nAPP2126049753
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: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 12/7/2021
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jennifer Nobui Date: 01/18/2022

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: 01/18/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

FIGURES

Topographic Map

Area Map

Water Well Location Map

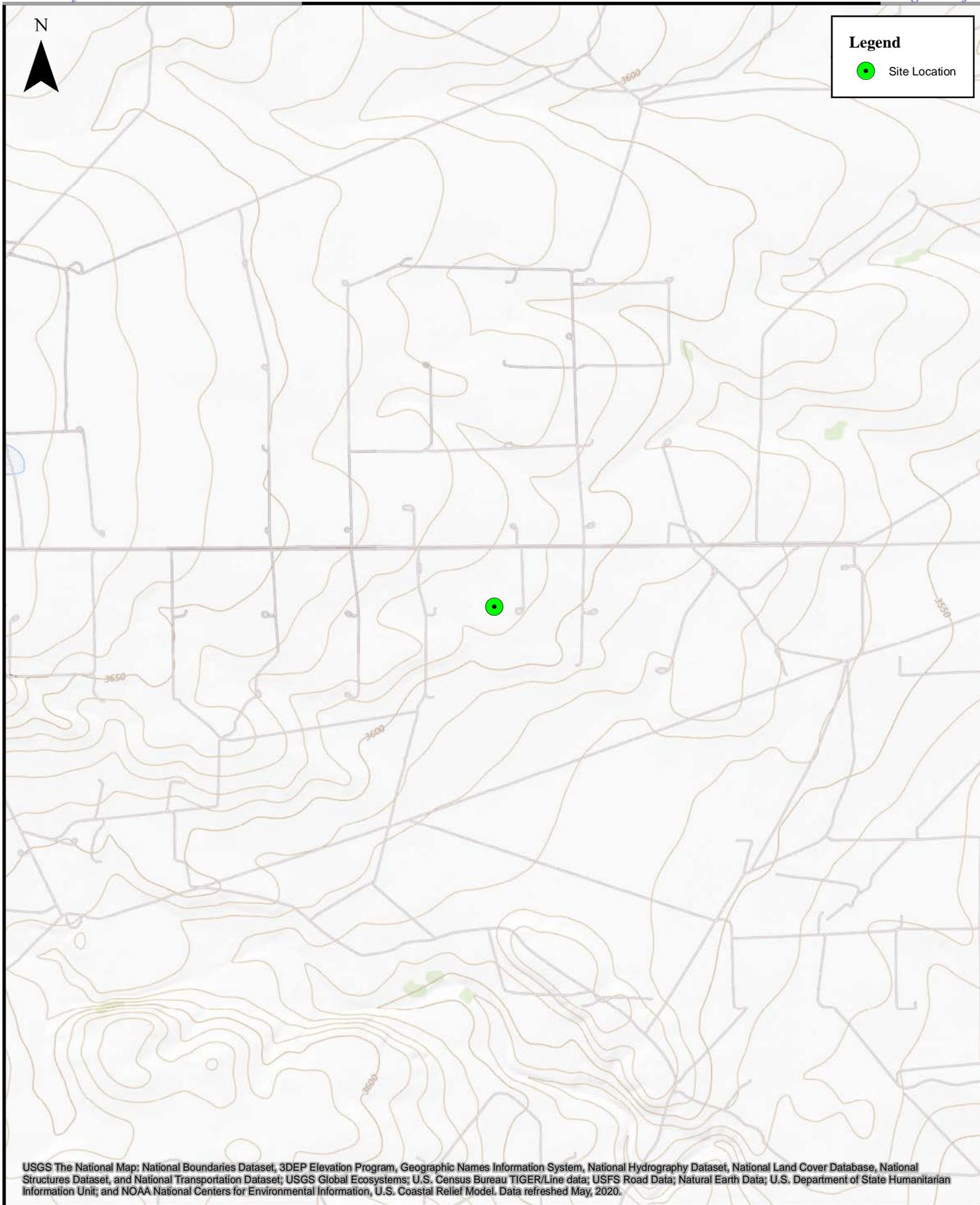
National Wetland Inventory Map

FEMA Floodplain Map

Karst Topography Map

Sample Location Map (08/27/2021)

Excavation and Confirmation Sample Location Map



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

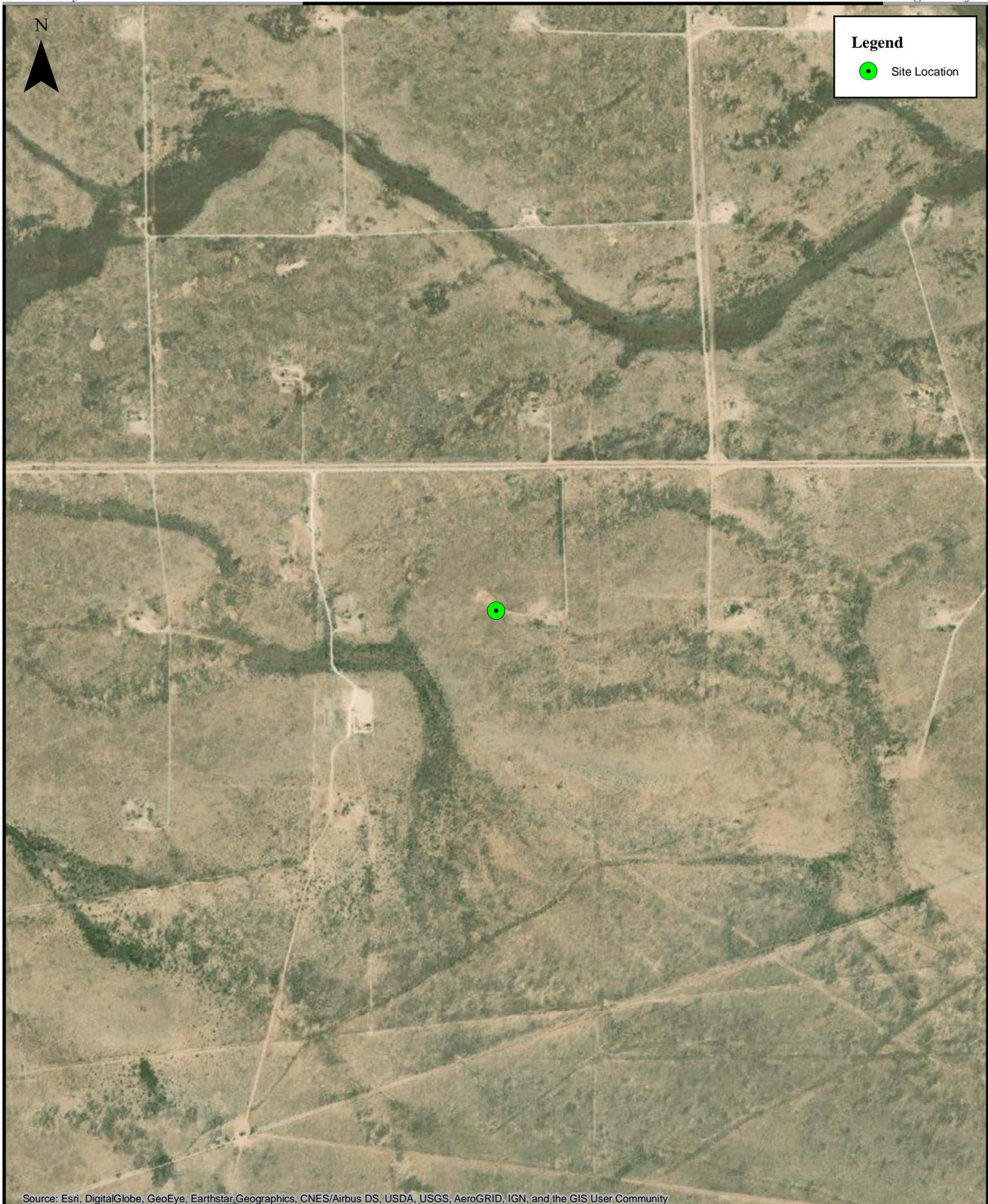


0 600 1,200 2,400 3,600 4,800 Feet

1:24,000

Topographic Map

Mobil CI #8
EOG Resources, Inc.



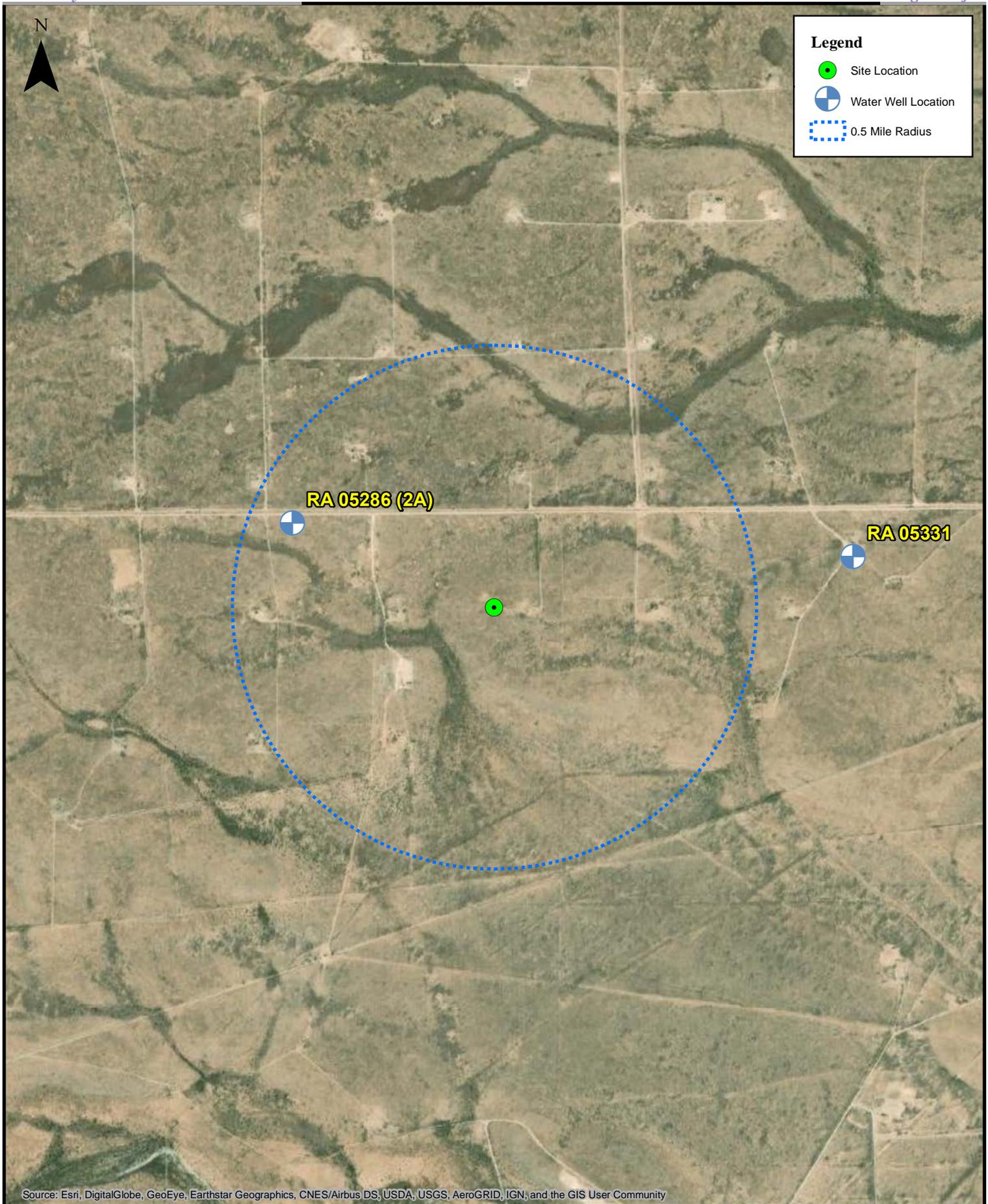
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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

1:10,000

Area Map
Mobil CI #8
EOG Resources, Inc.



Legend

-  Site Location
-  Water Well Location
-  0.5 Mile Radius

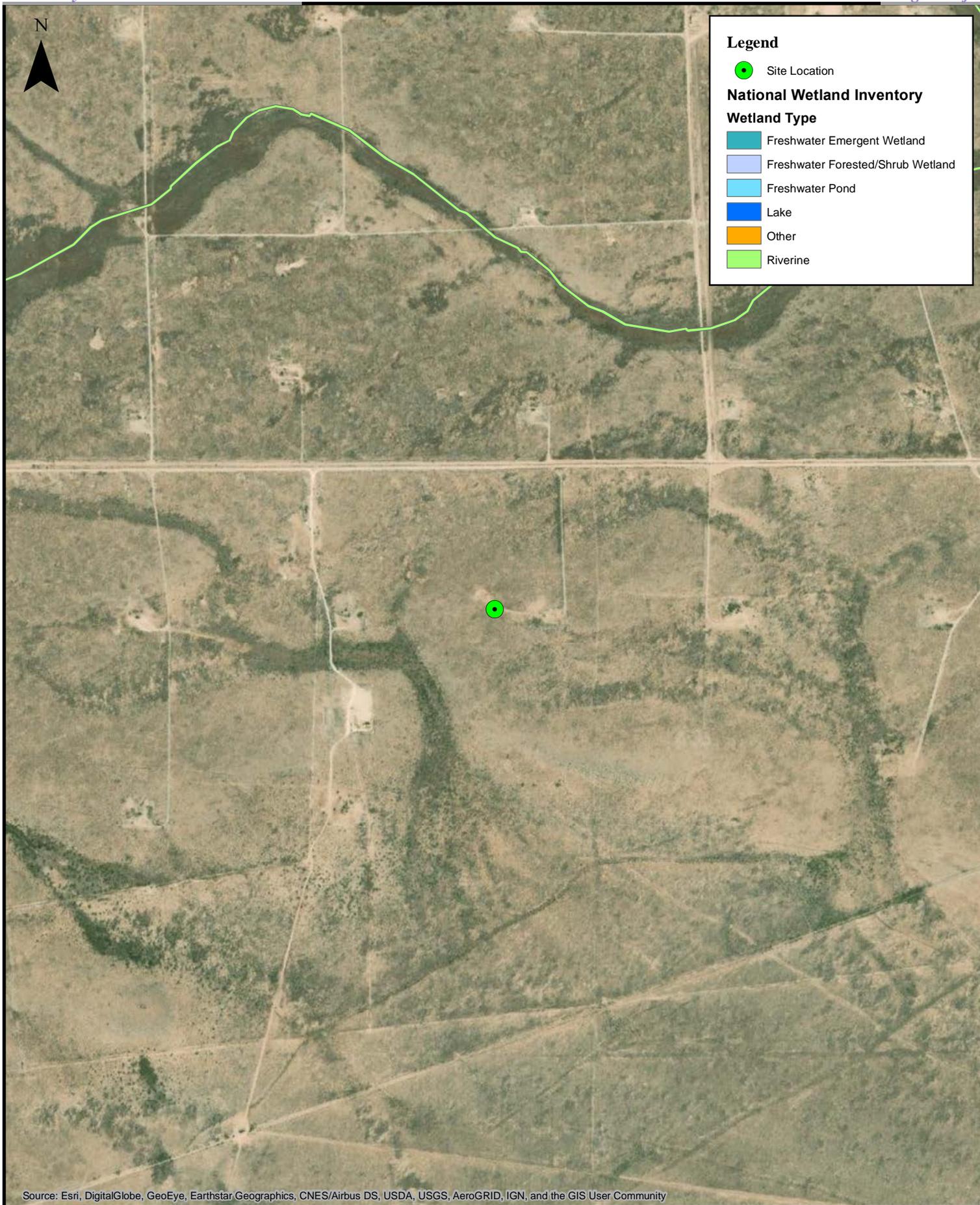
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



1:15,000

Water Well Location Map

Mobil CI #8
EOG Resources, Inc.



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



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

1:10,000

National Wetland Inventory Map

Mobil CI #8
EOG Resources, Inc.



Legend

 Site Location

FEMA Flood Zone

 A - Area with a 1% annual chance of flooding

 AE - Area with a 1% annual chance of flooding

 AH - Areas with a 1% annual chance of shallow flooding

 AO - River or stream flood hazard areas

 X - Area of Minimal Flood Hazard



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

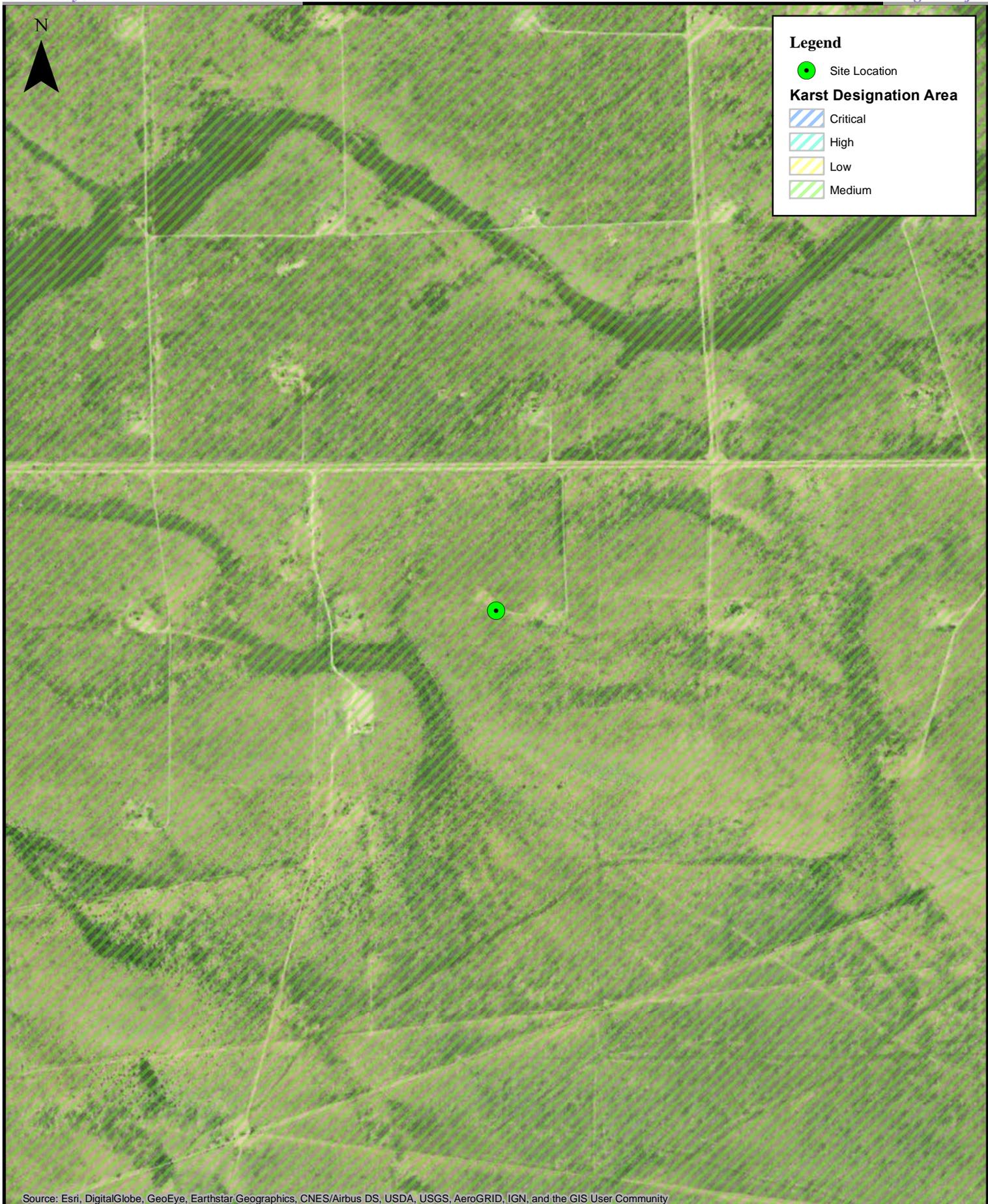


0 250 500 1,000 1,500 2,000 Feet

1:10,000

FEMA Floodplain Map

Mobil CI #8
EOG Resources, Inc.



Legend

- Site Location

Karst Designation Area

- ▨ Critical
- ▨ High
- ▨ Low
- ▨ Medium

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

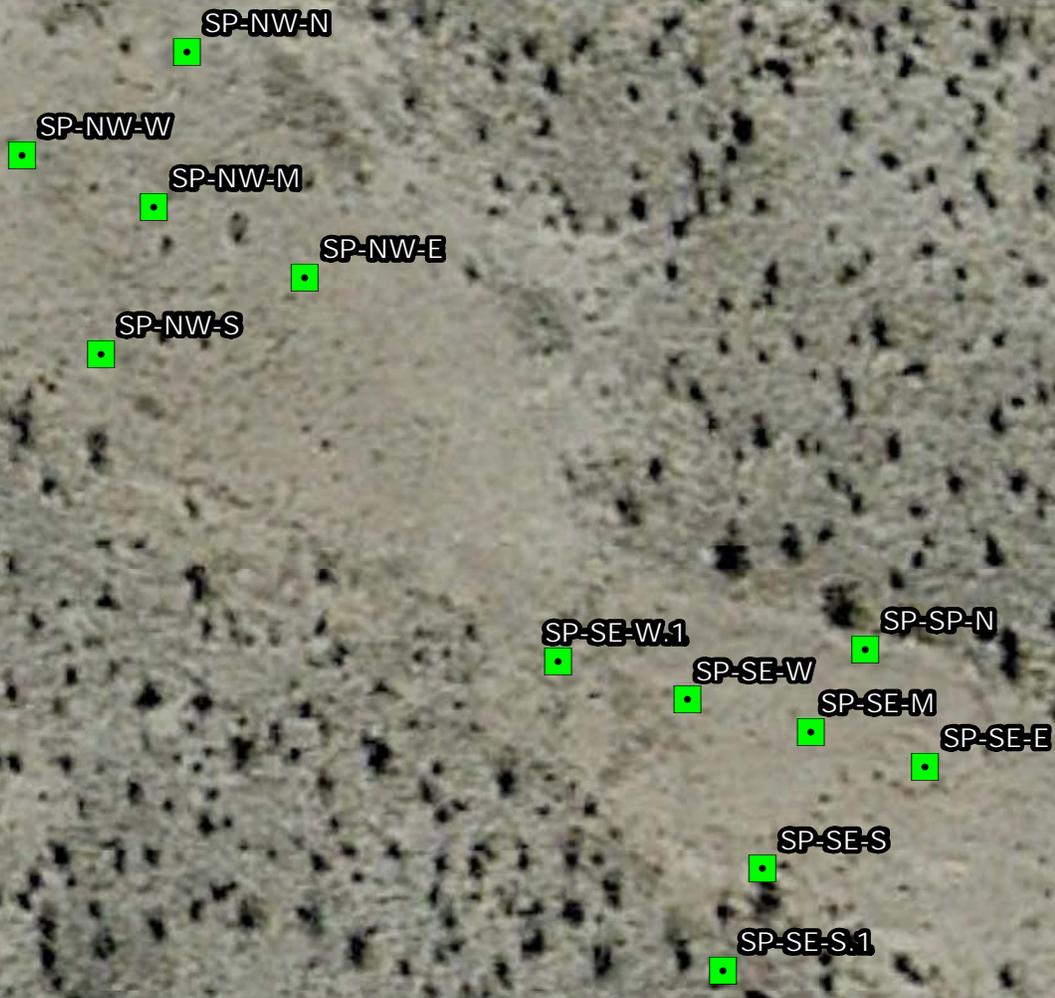
 0 250 500 1,000 1,500 2,000 Feet
1:10,000

Karst Topography Map
Mobil CI #8
EOG Resources, Inc.

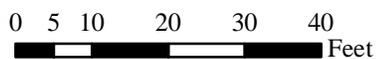


Legend

 Sample Location (08/27/2021)



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



1:300

Sample Location Map (08/27/2021)

Mobil CI #8
EOG Resources, Inc.

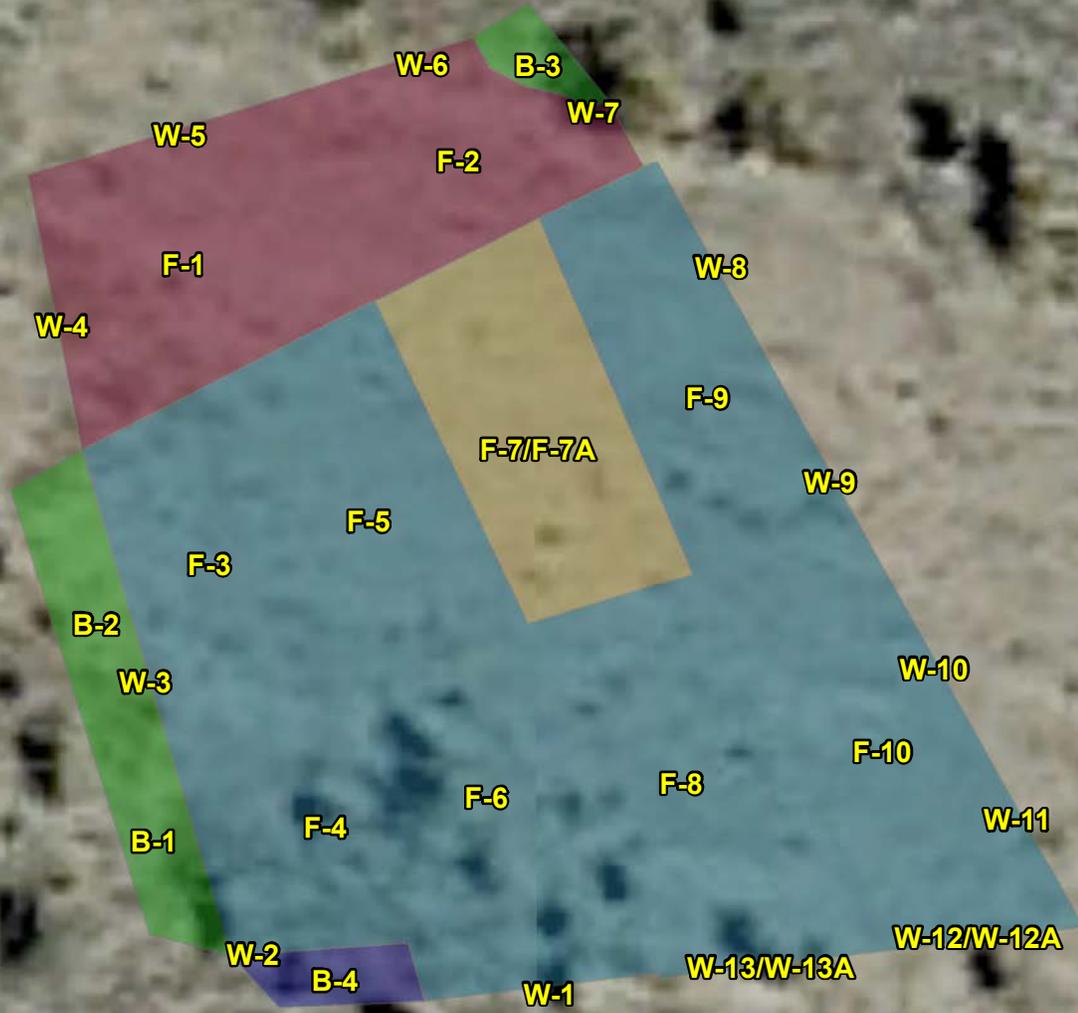


Legend

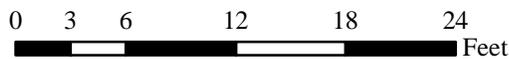
Excavation Area (Approximate Depth)

- 10' Deep
- 14' Deep
- 16' Deep
- 16.5-17' Deep
- 7' Deep

Confirmation Sample Area



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)



1:125

**Excavation and Confirmation Sample
 Location Map**
 Mobil CI #8
 EOG Resources, Inc.

TABLES

Table 1 – Site Assessment Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

Table 2 – Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

TABLE 1 - SITE ASSESSMENT SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. MOBIL CI #8													
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
Initial Assessment Soil Samples (08/27/2021)													
<i>Northwestern Assessment Area</i>													
S-NW-M/0'	08/27/21	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.5	<48	<9.5	<48	<60
SP-NW-M/1'	08/27/21	1'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	<60
SP-NW-N/0'	08/27/21	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<49	<9.7	<49	<60
SP-NW-N/1'	08/27/21	1'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.8	<49	<9.8	<49	<60
SP-NW-S/0'	08/27/21	0'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.4	<47	<9.4	<47	<60
SP-NW-S/1'	08/27/21	1'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	98
SP-NW-E/0'	08/27/21	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.9	<50	<9.9	<50	<61
SP-NW-E/1'	08/27/21	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<47	<9.4	<47	<60
SP-NW-W/0'	08/27/21	0'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.5	<47	<9.5	<47	<60
SP-NW-W/1'	08/27/21	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	<60
<i>Southeastern Assessment Area</i>													
SP-SE-M/0'	08/27/21	0'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<10	<50	<10	<50	<60
SP-SE-M/1'	08/27/21	1'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.7	<48	<9.7	<48	240
SP-SE-N/0'	08/27/21	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.2	<46	<9.2	<46	<60
SP-SE-N/1'	08/27/21	1'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.5	<47	<9.5	<47	380
SP-SE-E/0'	08/27/21	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.5	<48	<9.5	<48	<60
SP-SE-E/1'	08/27/21	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<50	<9.9	<50	570
SP-SE-S/1'	08/27/21	1'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.8	<49	<9.8	<49	2,100
SP-SE-S/6'	08/27/21	6'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	730
SP-SE-S/8'	08/27/21	8'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<10	<50	<10	<50	430
SP-SE-S.1/0'	08/27/21	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	<60
SP-SE-S.1/1'	08/27/21	1'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.7	<48	<9.7	<48	<60
SP-SE-W/1'	08/27/21	1'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.6	<48	<9.6	<48	4,400
SP-SE-W/5'	08/27/21	5'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<49	<9.7	<49	5,300
SP-SE-W/10'	08/27/21	10'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.4	<47	<9.4	<47	610
SP-SE-W.1/0'	08/27/21	0'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	<60
SP-SE-W.1/1'	08/27/21	1'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<50	<9.9	<50	<59
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)													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.													

TABLE 2 - CONFIRMATION SAMPLE SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
EOG RESOURCES, INC.
MOBIL CI #8

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
<i>Confirmation Soil Samples</i>													
F-1	11/10/21	14'	<0.019	<0.037	<0.037	<0.074	<0.07	<3.7	<9.7	<48	<9.7	<48	210
F-2	11/10/21	14'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<9.6	<48	170
F-3	11/10/21	16'	<0.016	<0.032	<0.032	<0.063	<0.06	<3.2	<9.8	<49	<9.8	<49	210
F-3	11/10/21	16'	<0.013	<0.027	<0.027	<0.053	<0.05	<2.7	<9.2	<46	<9.2	<46	190
F-4	11/10/21	16'	<0.017	<0.034	<0.034	<0.068	<0.07	<3.4	<9.8	<49	<9.8	<49	180
F-4	11/10/21	16'	<0.020	<0.040	<0.040	<0.079	<0.08	<4.0	<10	<50	<10	<50	250
F-5	11/10/21	16'	<0.021	<0.043	<0.043	<0.085	<0.09	<4.3	<9.5	<47	<9.5	<47	490
F-6	11/10/21	16'	<0.013	<0.027	<0.027	<0.054	<0.05	<2.7	<8.7	<43	<8.7	<43	360
F-7	11/10/21	16'	<0.036	<0.070	<0.070	<0.14	<0.14	<7.0	<10	<50	<10	<50	740
F-7A	11/18/21	16.5-17'	<0.030	<0.059	<0.059	<0.12	<0.12	<5.9	<9.9	<49	<9.9	<49	160
F-8	11/10/21	16'	<0.019	<0.038	<0.038	<0.075	<0.08	<3.8	<9.2	<46	<9.2	<46	360
F-9	11/10/21	16'	<0.017	<0.033	<0.033	<0.067	<0.07	<3.3	<9.7	<49	<9.7	<49	210
F-10	11/10/21	16'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.9	<50	<9.9	<50	130
B-1	11/10/21	0-7'	<0.022	<0.045	<0.045	<0.089	<0.09	<4.5	<9.7	<48	<9.7	<48	260
B-2	11/10/21	0-7'	<0.027	<0.055	<0.055	<0.11	<0.11	<5.5	<9.8	<49	<9.8	<49	250
B-3	11/10/21	0-7'	<0.019	<0.038	<0.038	<0.077	<0.08	<3.8	<9.4	<47	<9.4	<47	130
B-4	11/10/21	0-10'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.2	<46	<9.2	<46	140
W-1	11/10/21	0-15'	<0.020	<0.040	<0.040	<0.080	<0.08	<4.0	<10	<50	<10	<50	260
W-2	11/10/21	7'-16'	<0.015	<0.030	<0.030	<0.060	<0.06	<3.0	<9.3	<47	<9.3	<47	250
W-3	11/10/21	7'-16'	<0.022	<0.043	<0.043	<0.087	<0.09	<4.3	<9.9	<50	<9.9	<50	330
W-4	11/10/21	0-14'	<0.018	<0.036	<0.036	<0.072	<0.07	<3.6	<9.9	<49	<9.9	<49	180
W-5	11/10/21	0-14'	<0.041	<0.082	<0.082	<0.16	<0.16	<8.2	<9.3	<47	<9.3	<47	290
W-6	11/10/21	0-14'	<0.051	<0.10	<0.10	<0.20	<0.20	<10	<9.2	<46	<10	<46	240
W-7	11/10/21	0-14'	<0.026	<0.052	<0.052	<0.10	<0.10	<5.2	<9.7	<48	<9.7	<48	320
W-8	11/10/21	0-16'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<9.0	<45	<9.0	<45	300
W-8	11/10/21	0-16'	<0.034	<0.069	<0.069	<0.14	<0.14	<6.9	<9.7	<49	<9.7	<49	340
W-9	11/10/21	0-16'	<0.019	<0.038	<0.038	<0.077	<0.08	<3.8	<9.5	<48	<9.5	<48	310
W-10	11/10/21	0-16'	<0.015	<0.031	<0.031	<0.061	<0.06	<3.1	<10	<50	<10	<50	100
W-11	11/10/21	0-16'	<0.028	<0.055	<0.055	<0.11	<0.11	<5.5	<10	<50	<10	<50	95
W-12	11/10/21	0-16'	<0.033	<0.066	<0.066	<0.13	<0.13	<6.6	<9.0	<45	<9.0	<45	720
W-12A	11/18/21	0-16'	<0.020	<0.040	<0.040	<0.080	<0.080	<4.0	<9.7	<47	<9.7	<47	140
W-13	11/10/21	0-16'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<49	<9.7	<49	670
W-13A	11/18/21	0-16'	<0.017	<0.034	<0.034	<0.069	<0.069	<3.4	<9.9	<49	<9.9	<49	140

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)												600

Notes:

- Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.
- Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.
- Strikethrough indicates sample area has been excavated and an additional sample(s) have been collected from the area.
- Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

ATTACHMENT 1 – NMOSE AND USGS WATER
WELL DATA



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)					(NAD83 UTM in meters)		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	RA 05286 (2A)				06	19S	25E	544587	3617042*

Driller License:	Driller Company:	
Driller Name:		
Drill Start Date:	Drill Finish Date:	Plug Date:
Log File Date:	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size:	Depth Well:	Depth Water:

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/30/21 3:23 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)					(NAD83 UTM in meters)		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RA 05331		1	1	4	05	19S	25E	546308	3616955*

Driller License: 353	Driller Company: OSBOURN DRILLING & PUMP CO.	
Driller Name:		
Drill Start Date: 04/05/1967	Drill Finish Date: 04/13/1967	Plug Date:
Log File Date: 04/17/1967	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 5.50	Depth Well: 460 feet	Depth Water: 305 feet

Water Bearing Stratifications:	Top	Bottom	Description
	328	364	Limestone/Dolomite/Chalk
	398	440	Other/Unknown

Casing Perforations:	Top	Bottom
	400	440

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/30/21 3:23 PM

POINT OF DIVERSION SUMMARY

ATTACHMENT 2 – PHOTOGRAPHIC
DOCUMENTATION



PHOTOGRAPH NO. 1 – A general view of the Southeastern assessment area (SP-SE) during the initial site assessment on August 27, 2021. The view is towards the northwest.
(Approximate GPS Coordinates: 32.687643, -104.517666)



PHOTOGRAPH NO. 2 – A general view of the Northwestern assessment area (SP-NW) site during the initial site assessment on August 27, 2021. The view is towards the southeast.
(Approximate GPS Coordinates: 32.687955, -104.518149)



PHOTOGRAPH NO. 3 – A view of the over-excavation activities on November 18, 2021. The view is towards the south. (Approximate GPS Coordinates: 32.687722, -104.517837)



PHOTOGRAPH NO. 4 – A view of the final excavation extent. The view is towards the southeast. (Approximate GPS Coordinates: 32.687744, -104.517870)



PHOTOGRAPH NO. 5 – An additional view of the completed excavation area on November 18, 2021. The view is towards the southeast. (Approximate GPS Coordinates: 32.687745, -104.517715)

ATTACHMENT 3 – 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

September 08, 2021

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

RE: MOBIL CI 8

OrderNo.: 2108G28

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 26 sample(s) on 8/28/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: S-NW-M/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 7:43:00 AM

Lab ID: 2108G28-001

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 11:00:36 AM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/31/2021 12:03:52 PM	62284
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/31/2021 12:03:52 PM	62284
Surr: DNOP	87.7	70-130		%Rec	1	8/31/2021 12:03:52 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/1/2021 2:15:00 AM	62273
Surr: BFB	88.9	70-130		%Rec	1	9/1/2021 2:15:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 2:15:00 AM	62273
Toluene	ND	0.048		mg/Kg	1	9/1/2021 2:15:00 AM	62273
Ethylbenzene	ND	0.048		mg/Kg	1	9/1/2021 2:15:00 AM	62273
Xylenes, Total	ND	0.097		mg/Kg	1	9/1/2021 2:15:00 AM	62273
Surr: 4-Bromofluorobenzene	77.8	70-130		%Rec	1	9/1/2021 2:15:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-002

Matrix: SOIL

Client Sample ID: SP-NW-M/1'
Collection Date: 8/27/2021 8:46:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 12:02:38 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/31/2021 12:13:39 PM	62284
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/31/2021 12:13:39 PM	62284
Surr: DNOP	124	70-130		%Rec	1	8/31/2021 12:13:39 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 2:34:00 AM	62273
Surr: BFB	87.0	70-130		%Rec	1	9/1/2021 2:34:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 2:34:00 AM	62273
Toluene	ND	0.049		mg/Kg	1	9/1/2021 2:34:00 AM	62273
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 2:34:00 AM	62273
Xylenes, Total	ND	0.098		mg/Kg	1	9/1/2021 2:34:00 AM	62273
Surr: 4-Bromofluorobenzene	79.0	70-130		%Rec	1	9/1/2021 2:34:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-NW-N/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:44:00 AM

Lab ID: 2108G28-003

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 12:39:51 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/31/2021 12:23:27 PM	62284
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/31/2021 12:23:27 PM	62284
Surr: DNOP	102	70-130		%Rec	1	8/31/2021 12:23:27 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 2:54:00 AM	62273
Surr: BFB	92.1	70-130		%Rec	1	9/1/2021 2:54:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 2:54:00 AM	62273
Toluene	ND	0.049		mg/Kg	1	9/1/2021 2:54:00 AM	62273
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 2:54:00 AM	62273
Xylenes, Total	ND	0.098		mg/Kg	1	9/1/2021 2:54:00 AM	62273
Surr: 4-Bromofluorobenzene	80.5	70-130		%Rec	1	9/1/2021 2:54:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-NW-N/1'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:53:00 AM

Lab ID: 2108G28-004

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 12:52:15 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/31/2021 12:33:16 PM	62284
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/31/2021 12:33:16 PM	62284
Surr: DNOP	128	70-130		%Rec	1	8/31/2021 12:33:16 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/1/2021 3:14:00 AM	62273
Surr: BFB	87.5	70-130		%Rec	1	9/1/2021 3:14:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	9/1/2021 3:14:00 AM	62273
Toluene	ND	0.046		mg/Kg	1	9/1/2021 3:14:00 AM	62273
Ethylbenzene	ND	0.046		mg/Kg	1	9/1/2021 3:14:00 AM	62273
Xylenes, Total	ND	0.092		mg/Kg	1	9/1/2021 3:14:00 AM	62273
Surr: 4-Bromofluorobenzene	79.7	70-130		%Rec	1	9/1/2021 3:14:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-005

Matrix: SOIL

Client Sample ID: SP-NW-S/0'
Collection Date: 8/27/2021 8:41:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 1:04:40 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/31/2021 2:32:35 PM	62284
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/31/2021 2:32:35 PM	62284
Surr: DNOP	90.9	70-130		%Rec	1	8/31/2021 2:32:35 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/1/2021 4:14:00 AM	62273
Surr: BFB	87.8	70-130		%Rec	1	9/1/2021 4:14:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	9/1/2021 4:14:00 AM	62273
Toluene	ND	0.046		mg/Kg	1	9/1/2021 4:14:00 AM	62273
Ethylbenzene	ND	0.046		mg/Kg	1	9/1/2021 4:14:00 AM	62273
Xylenes, Total	ND	0.093		mg/Kg	1	9/1/2021 4:14:00 AM	62273
Surr: 4-Bromofluorobenzene	80.3	70-130		%Rec	1	9/1/2021 4:14:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-006

Matrix: SOIL

Client Sample ID: SP-NW-S/1'
Collection Date: 8/27/2021 8:49:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	98	60		mg/Kg	20	9/2/2021 1:17:04 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/31/2021 12:43:07 PM	62284
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/31/2021 12:43:07 PM	62284
Surr: DNOP	122	70-130		%Rec	1	8/31/2021 12:43:07 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 4:34:00 AM	62273
Surr: BFB	94.1	70-130		%Rec	1	9/1/2021 4:34:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 4:34:00 AM	62273
Toluene	ND	0.049		mg/Kg	1	9/1/2021 4:34:00 AM	62273
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 4:34:00 AM	62273
Xylenes, Total	ND	0.098		mg/Kg	1	9/1/2021 4:34:00 AM	62273
Surr: 4-Bromofluorobenzene	79.1	70-130		%Rec	1	9/1/2021 4:34:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-NW-E/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:47:00 AM

Lab ID: 2108G28-007

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	9/2/2021 1:29:28 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/31/2021 12:53:00 PM	62284
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/31/2021 12:53:00 PM	62284
Surr: DNOP	92.2	70-130		%Rec	1	8/31/2021 12:53:00 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/1/2021 4:54:00 AM	62273
Surr: BFB	91.4	70-130		%Rec	1	9/1/2021 4:54:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 4:54:00 AM	62273
Toluene	ND	0.048		mg/Kg	1	9/1/2021 4:54:00 AM	62273
Ethylbenzene	ND	0.048		mg/Kg	1	9/1/2021 4:54:00 AM	62273
Xylenes, Total	ND	0.097		mg/Kg	1	9/1/2021 4:54:00 AM	62273
Surr: 4-Bromofluorobenzene	80.4	70-130		%Rec	1	9/1/2021 4:54:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-NW-E/1'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:58:00 AM

Lab ID: 2108G28-008

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 2:06:40 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/31/2021 1:03:12 PM	62284
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/31/2021 1:03:12 PM	62284
Surr: DNOP	102	70-130		%Rec	1	8/31/2021 1:03:12 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/1/2021 5:14:00 AM	62273
Surr: BFB	87.7	70-130		%Rec	1	9/1/2021 5:14:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 5:14:00 AM	62273
Toluene	ND	0.050		mg/Kg	1	9/1/2021 5:14:00 AM	62273
Ethylbenzene	ND	0.050		mg/Kg	1	9/1/2021 5:14:00 AM	62273
Xylenes, Total	ND	0.10		mg/Kg	1	9/1/2021 5:14:00 AM	62273
Surr: 4-Bromofluorobenzene	78.9	70-130		%Rec	1	9/1/2021 5:14:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-NW-W/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:43:00 AM

Lab ID: 2108G28-009

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 2:19:05 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/31/2021 1:13:12 PM	62284
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/31/2021 1:13:12 PM	62284
Surr: DNOP	79.3	70-130		%Rec	1	8/31/2021 1:13:12 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/1/2021 5:34:00 AM	62273
Surr: BFB	90.9	70-130		%Rec	1	9/1/2021 5:34:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 5:34:00 AM	62273
Toluene	ND	0.047		mg/Kg	1	9/1/2021 5:34:00 AM	62273
Ethylbenzene	ND	0.047		mg/Kg	1	9/1/2021 5:34:00 AM	62273
Xylenes, Total	ND	0.095		mg/Kg	1	9/1/2021 5:34:00 AM	62273
Surr: 4-Bromofluorobenzene	80.7	70-130		%Rec	1	9/1/2021 5:34:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-NW-W/1'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:51:00 AM

Lab ID: 2108G28-010

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 2:31:29 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/31/2021 1:23:11 PM	62284
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/31/2021 1:23:11 PM	62284
Surr: DNOP	77.2	70-130		%Rec	1	8/31/2021 1:23:11 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/1/2021 5:54:00 AM	62273
Surr: BFB	92.7	70-130		%Rec	1	9/1/2021 5:54:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 5:54:00 AM	62273
Toluene	ND	0.050		mg/Kg	1	9/1/2021 5:54:00 AM	62273
Ethylbenzene	ND	0.050		mg/Kg	1	9/1/2021 5:54:00 AM	62273
Xylenes, Total	ND	0.10		mg/Kg	1	9/1/2021 5:54:00 AM	62273
Surr: 4-Bromofluorobenzene	81.8	70-130		%Rec	1	9/1/2021 5:54:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-M/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 7:40:00 AM

Lab ID: 2108G28-011

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 2:43:53 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/31/2021 1:33:09 PM	62284
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/31/2021 1:33:09 PM	62284
Surr: DNOP	80.5	70-130		%Rec	1	8/31/2021 1:33:09 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/1/2021 6:14:00 AM	62273
Surr: BFB	89.6	70-130		%Rec	1	9/1/2021 6:14:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	9/1/2021 6:14:00 AM	62273
Toluene	ND	0.046		mg/Kg	1	9/1/2021 6:14:00 AM	62273
Ethylbenzene	ND	0.046		mg/Kg	1	9/1/2021 6:14:00 AM	62273
Xylenes, Total	ND	0.092		mg/Kg	1	9/1/2021 6:14:00 AM	62273
Surr: 4-Bromofluorobenzene	78.1	70-130		%Rec	1	9/1/2021 6:14:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-012

Matrix: SOIL

Client Sample ID: SP-SE-M/1'
Collection Date: 8/27/2021 8:10:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	240	60		mg/Kg	20	9/2/2021 2:56:17 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/31/2021 1:43:07 PM	62284
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/31/2021 1:43:07 PM	62284
Surr: DNOP	113	70-130		%Rec	1	8/31/2021 1:43:07 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/1/2021 6:34:00 AM	62273
Surr: BFB	93.7	70-130		%Rec	1	9/1/2021 6:34:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 6:34:00 AM	62273
Toluene	ND	0.050		mg/Kg	1	9/1/2021 6:34:00 AM	62273
Ethylbenzene	ND	0.050		mg/Kg	1	9/1/2021 6:34:00 AM	62273
Xylenes, Total	ND	0.099		mg/Kg	1	9/1/2021 6:34:00 AM	62273
Surr: 4-Bromofluorobenzene	81.4	70-130		%Rec	1	9/1/2021 6:34:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-N/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:21:00 AM

Lab ID: 2108G28-013

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 3:08:42 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/31/2021 1:53:03 PM	62284
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/31/2021 1:53:03 PM	62284
Surr: DNOP	95.3	70-130		%Rec	1	8/31/2021 1:53:03 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/1/2021 6:54:00 AM	62273
Surr: BFB	89.2	70-130		%Rec	1	9/1/2021 6:54:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 6:54:00 AM	62273
Toluene	ND	0.047		mg/Kg	1	9/1/2021 6:54:00 AM	62273
Ethylbenzene	ND	0.047		mg/Kg	1	9/1/2021 6:54:00 AM	62273
Xylenes, Total	ND	0.094		mg/Kg	1	9/1/2021 6:54:00 AM	62273
Surr: 4-Bromofluorobenzene	81.3	70-130		%Rec	1	9/1/2021 6:54:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-N/1'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:24:00 AM

Lab ID: 2108G28-014

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	380	60		mg/Kg	20	9/2/2021 3:21:06 PM	62353
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/31/2021 2:02:59 PM	62284
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/31/2021 2:02:59 PM	62284
Surr: DNOP	99.2	70-130		%Rec	1	8/31/2021 2:02:59 PM	62284
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/1/2021 7:14:00 AM	62273
Surr: BFB	92.7	70-130		%Rec	1	9/1/2021 7:14:00 AM	62273
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 7:14:00 AM	62273
Toluene	ND	0.050		mg/Kg	1	9/1/2021 7:14:00 AM	62273
Ethylbenzene	ND	0.050		mg/Kg	1	9/1/2021 7:14:00 AM	62273
Xylenes, Total	ND	0.099		mg/Kg	1	9/1/2021 7:14:00 AM	62273
Surr: 4-Bromofluorobenzene	80.2	70-130		%Rec	1	9/1/2021 7:14:00 AM	62273

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-E/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:19:00 AM

Lab ID: 2108G28-015

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 6:52:01 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/1/2021 12:11:41 PM	62311
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/1/2021 12:11:41 PM	62311
Surr: DNOP	86.3	70-130		%Rec	1	9/1/2021 12:11:41 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 11:25:00 AM	62288
Surr: BFB	91.6	70-130		%Rec	1	9/1/2021 11:25:00 AM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 11:25:00 AM	62288
Toluene	ND	0.049		mg/Kg	1	9/1/2021 11:25:00 AM	62288
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 11:25:00 AM	62288
Xylenes, Total	ND	0.098		mg/Kg	1	9/1/2021 11:25:00 AM	62288
Surr: 4-Bromofluorobenzene	81.5	70-130		%Rec	1	9/1/2021 11:25:00 AM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-E/1'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:25:00 AM

Lab ID: 2108G28-016

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	570	59		mg/Kg	20	9/2/2021 7:04:26 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/1/2021 12:40:40 PM	62311
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/1/2021 12:40:40 PM	62311
Surr: DNOP	132	70-130	S	%Rec	1	9/1/2021 12:40:40 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 12:25:00 PM	62288
Surr: BFB	90.1	70-130		%Rec	1	9/1/2021 12:25:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 12:25:00 PM	62288
Toluene	ND	0.049		mg/Kg	1	9/1/2021 12:25:00 PM	62288
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 12:25:00 PM	62288
Xylenes, Total	ND	0.099		mg/Kg	1	9/1/2021 12:25:00 PM	62288
Surr: 4-Bromofluorobenzene	80.1	70-130		%Rec	1	9/1/2021 12:25:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-S/1'

Project: MOBIL CI 8

Collection Date: 8/27/2021 8:15:00 AM

Lab ID: 2108G28-017

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2100	60		mg/Kg	20	9/2/2021 7:16:50 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/1/2021 12:50:20 PM	62311
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/1/2021 12:50:20 PM	62311
Surr: DNOP	112	70-130		%Rec	1	9/1/2021 12:50:20 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/1/2021 1:24:00 PM	62288
Surr: BFB	91.5	70-130		%Rec	1	9/1/2021 1:24:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 1:24:00 PM	62288
Toluene	ND	0.048		mg/Kg	1	9/1/2021 1:24:00 PM	62288
Ethylbenzene	ND	0.048		mg/Kg	1	9/1/2021 1:24:00 PM	62288
Xylenes, Total	ND	0.096		mg/Kg	1	9/1/2021 1:24:00 PM	62288
Surr: 4-Bromofluorobenzene	80.0	70-130		%Rec	1	9/1/2021 1:24:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-018

Matrix: SOIL

Client Sample ID: SP-SE-S/6'
Collection Date: 8/27/2021 10:15:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	730	60		mg/Kg	20	9/2/2021 7:29:15 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/1/2021 1:00:04 PM	62311
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/1/2021 1:00:04 PM	62311
Surr: DNOP	138	70-130	S	%Rec	1	9/1/2021 1:00:04 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 1:44:00 PM	62288
Surr: BFB	90.7	70-130		%Rec	1	9/1/2021 1:44:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 1:44:00 PM	62288
Toluene	ND	0.049		mg/Kg	1	9/1/2021 1:44:00 PM	62288
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 1:44:00 PM	62288
Xylenes, Total	ND	0.098		mg/Kg	1	9/1/2021 1:44:00 PM	62288
Surr: 4-Bromofluorobenzene	79.4	70-130		%Rec	1	9/1/2021 1:44:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-S/8'

Project: MOBIL CI 8

Collection Date: 8/27/2021 10:20:00 AM

Lab ID: 2108G28-019

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	430	59		mg/Kg	20	9/2/2021 7:41:40 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/1/2021 1:09:46 PM	62311
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/1/2021 1:09:46 PM	62311
Surr: DNOP	104	70-130		%Rec	1	9/1/2021 1:09:46 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/1/2021 2:04:00 PM	62288
Surr: BFB	89.7	70-130		%Rec	1	9/1/2021 2:04:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 2:04:00 PM	62288
Toluene	ND	0.050		mg/Kg	1	9/1/2021 2:04:00 PM	62288
Ethylbenzene	ND	0.050		mg/Kg	1	9/1/2021 2:04:00 PM	62288
Xylenes, Total	ND	0.099		mg/Kg	1	9/1/2021 2:04:00 PM	62288
Surr: 4-Bromofluorobenzene	80.0	70-130		%Rec	1	9/1/2021 2:04:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-S.1/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 10:35:00 AM

Lab ID: 2108G28-020

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 7:54:04 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/1/2021 1:19:32 PM	62311
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/1/2021 1:19:32 PM	62311
Surr: DNOP	104	70-130		%Rec	1	9/1/2021 1:19:32 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/1/2021 2:24:00 PM	62288
Surr: BFB	92.0	70-130		%Rec	1	9/1/2021 2:24:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 2:24:00 PM	62288
Toluene	ND	0.050		mg/Kg	1	9/1/2021 2:24:00 PM	62288
Ethylbenzene	ND	0.050		mg/Kg	1	9/1/2021 2:24:00 PM	62288
Xylenes, Total	ND	0.099		mg/Kg	1	9/1/2021 2:24:00 PM	62288
Surr: 4-Bromofluorobenzene	81.3	70-130		%Rec	1	9/1/2021 2:24:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-S.1/1'

Project: MOBIL CI 8

Collection Date: 8/27/2021 10:36:00 AM

Lab ID: 2108G28-021

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 8:06:28 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/1/2021 1:29:15 PM	62311
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/1/2021 1:29:15 PM	62311
Surr: DNOP	119	70-130		%Rec	1	9/1/2021 1:29:15 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 2:45:00 PM	62288
Surr: BFB	91.9	70-130		%Rec	1	9/1/2021 2:45:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 2:45:00 PM	62288
Toluene	ND	0.049		mg/Kg	1	9/1/2021 2:45:00 PM	62288
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 2:45:00 PM	62288
Xylenes, Total	ND	0.097		mg/Kg	1	9/1/2021 2:45:00 PM	62288
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	9/1/2021 2:45:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-022

Matrix: SOIL

Client Sample ID: SP-SE-W/1'
Collection Date: 8/27/2021 8:13:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	4400	150		mg/Kg	50	9/3/2021 2:20:15 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/1/2021 1:39:05 PM	62311
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/1/2021 1:39:05 PM	62311
Surr: DNOP	109	70-130		%Rec	1	9/1/2021 1:39:05 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/1/2021 3:05:00 PM	62288
Surr: BFB	93.0	70-130		%Rec	1	9/1/2021 3:05:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 3:05:00 PM	62288
Toluene	ND	0.048		mg/Kg	1	9/1/2021 3:05:00 PM	62288
Ethylbenzene	ND	0.048		mg/Kg	1	9/1/2021 3:05:00 PM	62288
Xylenes, Total	ND	0.096		mg/Kg	1	9/1/2021 3:05:00 PM	62288
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	9/1/2021 3:05:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-023

Matrix: SOIL

Client Sample ID: SP-SE-W/5'
Collection Date: 8/27/2021 9:47:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	5300	300		mg/Kg	100	9/7/2021 6:17:30 AM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/1/2021 1:48:52 PM	62311
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/1/2021 1:48:52 PM	62311
Surr: DNOP	104	70-130		%Rec	1	9/1/2021 1:48:52 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 4:05:00 PM	62288
Surr: BFB	89.1	70-130		%Rec	1	9/1/2021 4:05:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 4:05:00 PM	62288
Toluene	ND	0.049		mg/Kg	1	9/1/2021 4:05:00 PM	62288
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 4:05:00 PM	62288
Xylenes, Total	ND	0.098		mg/Kg	1	9/1/2021 4:05:00 PM	62288
Surr: 4-Bromofluorobenzene	79.1	70-130		%Rec	1	9/1/2021 4:05:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-W/10'

Project: MOBIL CI 8

Collection Date: 8/27/2021 10:00:00 AM

Lab ID: 2108G28-024

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	610	61		mg/Kg	20	9/2/2021 8:43:42 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/1/2021 1:58:37 PM	62311
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/1/2021 1:58:37 PM	62311
Surr: DNOP	81.4	70-130		%Rec	1	9/1/2021 1:58:37 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/1/2021 4:25:00 PM	62288
Surr: BFB	86.5	70-130		%Rec	1	9/1/2021 4:25:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 4:25:00 PM	62288
Toluene	ND	0.048		mg/Kg	1	9/1/2021 4:25:00 PM	62288
Ethylbenzene	ND	0.048		mg/Kg	1	9/1/2021 4:25:00 PM	62288
Xylenes, Total	ND	0.095		mg/Kg	1	9/1/2021 4:25:00 PM	62288
Surr: 4-Bromofluorobenzene	77.6	70-130		%Rec	1	9/1/2021 4:25:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: SP-SE-W.1/0'

Project: MOBIL CI 8

Collection Date: 8/27/2021 10:39:00 AM

Lab ID: 2108G28-025

Matrix: SOIL

Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/2/2021 9:20:56 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/1/2021 2:08:31 PM	62311
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/1/2021 2:08:31 PM	62311
Surr: DNOP	95.3	70-130		%Rec	1	9/1/2021 2:08:31 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2021 4:45:00 PM	62288
Surr: BFB	97.2	70-130		%Rec	1	9/1/2021 4:45:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	9/1/2021 4:45:00 PM	62288
Toluene	ND	0.049		mg/Kg	1	9/1/2021 4:45:00 PM	62288
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2021 4:45:00 PM	62288
Xylenes, Total	ND	0.098		mg/Kg	1	9/1/2021 4:45:00 PM	62288
Surr: 4-Bromofluorobenzene	80.0	70-130		%Rec	1	9/1/2021 4:45:00 PM	62288

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

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

Analytical Report

Lab Order **2108G28**

Date Reported: **9/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Project: MOBIL CI 8
Lab ID: 2108G28-026

Matrix: SOIL

Client Sample ID: SP-SE-W.1/1'
Collection Date: 8/27/2021 10:40:00 AM
Received Date: 8/28/2021 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	9/2/2021 9:33:20 PM	62363
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/1/2021 2:18:25 PM	62311
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/1/2021 2:18:25 PM	62311
Surr: DNOP	111	70-130		%Rec	1	9/1/2021 2:18:25 PM	62311
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/1/2021 5:05:00 PM	62288
Surr: BFB	93.7	70-130		%Rec	1	9/1/2021 5:05:00 PM	62288
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	9/1/2021 5:05:00 PM	62288
Toluene	ND	0.048		mg/Kg	1	9/1/2021 5:05:00 PM	62288
Ethylbenzene	ND	0.048		mg/Kg	1	9/1/2021 5:05:00 PM	62288
Xylenes, Total	ND	0.096		mg/Kg	1	9/1/2021 5:05:00 PM	62288
Surr: 4-Bromofluorobenzene	76.5	70-130		%Rec	1	9/1/2021 5:05:00 PM	62288

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108G28

08-Sep-21

Client: EOG
Project: MOBIL CI 8

Sample ID: MB-62353	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62353	RunNo: 80991								
Prep Date: 9/2/2021	Analysis Date: 9/2/2021	SeqNo: 2859459	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62353	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62353	RunNo: 80991								
Prep Date: 9/2/2021	Analysis Date: 9/2/2021	SeqNo: 2859460	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.2	90	110			

Sample ID: MB-62363	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62363	RunNo: 80991								
Prep Date: 9/2/2021	Analysis Date: 9/2/2021	SeqNo: 2859489	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62363	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62363	RunNo: 80991								
Prep Date: 9/2/2021	Analysis Date: 9/2/2021	SeqNo: 2859490	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108G28

08-Sep-21

Client: EOG
Project: MOBIL CI 8

Sample ID: MB-62284	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62284	RunNo: 80913								
Prep Date: 8/30/2021	Analysis Date: 8/31/2021	SeqNo: 2857111	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	18		10.00		175	70	130			S

Sample ID: LCS-62311	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62311	RunNo: 80959								
Prep Date: 8/31/2021	Analysis Date: 9/1/2021	SeqNo: 2857492	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	5.6		5.000		113	70	130			

Sample ID: MB-62311	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62311	RunNo: 80959								
Prep Date: 8/31/2021	Analysis Date: 9/1/2021	SeqNo: 2857494	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	12		10.00		123	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108G28

08-Sep-21

Client: EOG
Project: MOBIL CI 8

Sample ID: mb-62273	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62273	RunNo: 80942								
Prep Date: 8/30/2021	Analysis Date: 8/31/2021	SeqNo: 2856922	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		88.1	70	130			

Sample ID: lcs-62273	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62273	RunNo: 80942								
Prep Date: 8/30/2021	Analysis Date: 8/31/2021	SeqNo: 2856924	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.8	78.6	131			
Surr: BFB	1100		1000		105	70	130			

Sample ID: mb-62288	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62288	RunNo: 80979								
Prep Date: 8/30/2021	Analysis Date: 9/1/2021	SeqNo: 2858051	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	870		1000		87.1	70	130			

Sample ID: lcs-62288	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62288	RunNo: 80979								
Prep Date: 8/30/2021	Analysis Date: 9/1/2021	SeqNo: 2858053	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	99.8	78.6	131			
Surr: BFB	1000		1000		102	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108G28

08-Sep-21

Client: EOG
Project: MOBIL CI 8

Sample ID: mb-62273	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62273	RunNo: 80942								
Prep Date: 8/30/2021	Analysis Date: 8/31/2021	SeqNo: 2856979	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	0.77		1.000		76.9	70	130			

Sample ID: ics-62273	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62273	RunNo: 80942								
Prep Date: 8/30/2021	Analysis Date: 8/31/2021	SeqNo: 2856981	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.6	80	120			
Toluene	0.95	0.050	1.000	0	94.7	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.8	80	120			
Surr: 4-Bromofluorobenzene	0.80		1.000		79.8	70	130			

Sample ID: mb-62288	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62288	RunNo: 80979								
Prep Date: 8/30/2021	Analysis Date: 9/1/2021	SeqNo: 2858091	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	0.79		1.000		78.6	70	130			

Sample ID: ics-62288	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62288	RunNo: 80979								
Prep Date: 8/30/2021	Analysis Date: 9/1/2021	SeqNo: 2858093	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	89.9	80	120			
Toluene	0.90	0.050	1.000	0	89.8	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.2	80	120			
Surr: 4-Bromofluorobenzene	0.82		1.000		81.7	70	130			

Qualifiers:

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



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: **2108G28** RcptNo: 1

Received By: **Desiree Dominguez** 8/28/2021 9:20:00 AM *DD*
 Completed By: **Cheyenne Cason** 8/28/2021 10:39:43 AM *CC*
 Reviewed By: *SPA 8.30.21*

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: *1*
 (<2 or >12 unless noted)
 Adjusted?
 Checked by: *KPG 8/30/21*

Special Handling (if applicable)

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

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

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.2	Good	Not Present			



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

November 16, 2021

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

RE: Mobil CI 8

OrderNo.: 2111650

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 30 sample(s) on 11/12/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-1

Project: Mobil CI 8

Collection Date: 11/10/2021 10:38:00 AM

Lab ID: 2111650-001

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	210	60		mg/Kg	20	11/12/2021 2:46:30 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2021 2:25:38 PM	63909
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/12/2021 2:25:38 PM	63909
Surr: DNOP	102	70-130		%Rec	1	11/12/2021 2:25:38 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	11/12/2021 12:49:00 PM	R82818
Surr: BFB	96.8	70-130		%Rec	1	11/12/2021 12:49:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	11/12/2021 12:49:00 PM	R82818
Toluene	ND	0.037		mg/Kg	1	11/12/2021 12:49:00 PM	R82818
Ethylbenzene	ND	0.037		mg/Kg	1	11/12/2021 12:49:00 PM	R82818
Xylenes, Total	ND	0.074		mg/Kg	1	11/12/2021 12:49:00 PM	R82818
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/12/2021 12:49:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-2

Project: Mobil CI 8

Collection Date: 11/10/2021 10:32:00 AM

Lab ID: 2111650-002

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	170	59		mg/Kg	20	11/12/2021 3:23:43 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/12/2021 3:37:40 PM	63909
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/12/2021 3:37:40 PM	63909
Surr: DNOP	104	70-130		%Rec	1	11/12/2021 3:37:40 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/12/2021 1:09:00 PM	R82818
Surr: BFB	98.0	70-130		%Rec	1	11/12/2021 1:09:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	11/12/2021 1:09:00 PM	R82818
Toluene	ND	0.050		mg/Kg	1	11/12/2021 1:09:00 PM	R82818
Ethylbenzene	ND	0.050		mg/Kg	1	11/12/2021 1:09:00 PM	R82818
Xylenes, Total	ND	0.10		mg/Kg	1	11/12/2021 1:09:00 PM	R82818
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/12/2021 1:09:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-3

Project: Mobil CI 8

Collection Date: 11/10/2021 10:24:00 AM

Lab ID: 2111650-003

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	210	60		mg/Kg	20	11/12/2021 4:00:57 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/12/2021 4:01:35 PM	63909
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/12/2021 4:01:35 PM	63909
Surr: DNOP	100	70-130		%Rec	1	11/12/2021 4:01:35 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	11/12/2021 1:29:00 PM	R82818
Surr: BFB	105	70-130		%Rec	1	11/12/2021 1:29:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.016		mg/Kg	1	11/12/2021 1:29:00 PM	R82818
Toluene	ND	0.032		mg/Kg	1	11/12/2021 1:29:00 PM	R82818
Ethylbenzene	ND	0.032		mg/Kg	1	11/12/2021 1:29:00 PM	R82818
Xylenes, Total	ND	0.063		mg/Kg	1	11/12/2021 1:29:00 PM	R82818
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	11/12/2021 1:29:00 PM	R82818

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

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

Analytical Report

Lab Order 2111650

Date Reported: 11/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-4

Project: Mobil CI 8

Collection Date: 11/10/2021 11:21:00 AM

Lab ID: 2111650-004

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	180	60		mg/Kg	20	11/12/2021 4:13:21 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/12/2021 4:25:35 PM	63909
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/12/2021 4:25:35 PM	63909
Surr: DNOP	106	70-130		%Rec	1	11/12/2021 4:25:35 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	11/12/2021 1:48:00 PM	R82818
Surr: BFB	97.5	70-130		%Rec	1	11/12/2021 1:48:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.017		mg/Kg	1	11/12/2021 1:48:00 PM	R82818
Toluene	ND	0.034		mg/Kg	1	11/12/2021 1:48:00 PM	R82818
Ethylbenzene	ND	0.034		mg/Kg	1	11/12/2021 1:48:00 PM	R82818
Xylenes, Total	ND	0.068		mg/Kg	1	11/12/2021 1:48:00 PM	R82818
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	11/12/2021 1:48:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-1

Project: Mobil CI 8

Collection Date: 11/10/2021 11:02:00 AM

Lab ID: 2111650-005

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	260	61		mg/Kg	20	11/12/2021 4:50:34 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2021 4:49:31 PM	63909
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/12/2021 4:49:31 PM	63909
Surr: DNOP	107	70-130		%Rec	1	11/12/2021 4:49:31 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	11/12/2021 2:08:00 PM	R82818
Surr: BFB	95.0	70-130		%Rec	1	11/12/2021 2:08:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.022		mg/Kg	1	11/12/2021 2:08:00 PM	R82818
Toluene	ND	0.045		mg/Kg	1	11/12/2021 2:08:00 PM	R82818
Ethylbenzene	ND	0.045		mg/Kg	1	11/12/2021 2:08:00 PM	R82818
Xylenes, Total	ND	0.089		mg/Kg	1	11/12/2021 2:08:00 PM	R82818
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/12/2021 2:08:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-2

Project: Mobil CI 8

Collection Date: 11/10/2021 11:05:00 AM

Lab ID: 2111650-006

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	250	60		mg/Kg	20	11/12/2021 5:02:59 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/12/2021 5:13:28 PM	63909
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/12/2021 5:13:28 PM	63909
Surr: DNOP	98.4	70-130		%Rec	1	11/12/2021 5:13:28 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	11/12/2021 2:27:00 PM	R82818
Surr: BFB	89.8	70-130		%Rec	1	11/12/2021 2:27:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.027		mg/Kg	1	11/12/2021 2:27:00 PM	R82818
Toluene	ND	0.055		mg/Kg	1	11/12/2021 2:27:00 PM	R82818
Ethylbenzene	ND	0.055		mg/Kg	1	11/12/2021 2:27:00 PM	R82818
Xylenes, Total	ND	0.11		mg/Kg	1	11/12/2021 2:27:00 PM	R82818
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/12/2021 2:27:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-3

Project: Mobil CI 8

Collection Date: 11/10/2021 10:27:00 AM

Lab ID: 2111650-007

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	130	61		mg/Kg	20	11/12/2021 5:15:23 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/12/2021 5:37:19 PM	63909
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/12/2021 5:37:19 PM	63909
Surr: DNOP	105	70-130		%Rec	1	11/12/2021 5:37:19 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	11/12/2021 3:26:00 PM	R82818
Surr: BFB	95.9	70-130		%Rec	1	11/12/2021 3:26:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	11/12/2021 3:26:00 PM	R82818
Toluene	ND	0.038		mg/Kg	1	11/12/2021 3:26:00 PM	R82818
Ethylbenzene	ND	0.038		mg/Kg	1	11/12/2021 3:26:00 PM	R82818
Xylenes, Total	ND	0.077		mg/Kg	1	11/12/2021 3:26:00 PM	R82818
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/12/2021 3:26:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-4

Project: Mobil CI 8

Collection Date: 11/10/2021 11:09:00 AM

Lab ID: 2111650-008

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	140	60		mg/Kg	20	11/12/2021 5:27:47 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/12/2021 6:01:14 PM	63909
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/12/2021 6:01:14 PM	63909
Surr: DNOP	92.8	70-130		%Rec	1	11/12/2021 6:01:14 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/12/2021 3:45:00 PM	R82818
Surr: BFB	98.2	70-130		%Rec	1	11/12/2021 3:45:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	11/12/2021 3:45:00 PM	R82818
Toluene	ND	0.050		mg/Kg	1	11/12/2021 3:45:00 PM	R82818
Ethylbenzene	ND	0.050		mg/Kg	1	11/12/2021 3:45:00 PM	R82818
Xylenes, Total	ND	0.099		mg/Kg	1	11/12/2021 3:45:00 PM	R82818
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/12/2021 3:45:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-1

Project: Mobil CI 8

Collection Date: 11/10/2021 11:12:00 AM

Lab ID: 2111650-009

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	260	60		mg/Kg	20	11/12/2021 5:40:11 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2021 6:25:09 PM	63909
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/12/2021 6:25:09 PM	63909
Surr: DNOP	102	70-130		%Rec	1	11/12/2021 6:25:09 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	11/12/2021 4:05:00 PM	R82818
Surr: BFB	96.2	70-130		%Rec	1	11/12/2021 4:05:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.020		mg/Kg	1	11/12/2021 4:05:00 PM	R82818
Toluene	ND	0.040		mg/Kg	1	11/12/2021 4:05:00 PM	R82818
Ethylbenzene	ND	0.040		mg/Kg	1	11/12/2021 4:05:00 PM	R82818
Xylenes, Total	ND	0.080		mg/Kg	1	11/12/2021 4:05:00 PM	R82818
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	11/12/2021 4:05:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-2

Project: Mobil CI 8

Collection Date: 11/10/2021 10:52:00 AM

Lab ID: 2111650-010

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	250	60		mg/Kg	20	11/12/2021 5:52:35 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/12/2021 7:12:52 PM	63909
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/12/2021 7:12:52 PM	63909
Surr: DNOP	116	70-130		%Rec	1	11/12/2021 7:12:52 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	11/12/2021 4:25:00 PM	R82818
Surr: BFB	100	70-130		%Rec	1	11/12/2021 4:25:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.015		mg/Kg	1	11/12/2021 4:25:00 PM	R82818
Toluene	ND	0.030		mg/Kg	1	11/12/2021 4:25:00 PM	R82818
Ethylbenzene	ND	0.030		mg/Kg	1	11/12/2021 4:25:00 PM	R82818
Xylenes, Total	ND	0.060		mg/Kg	1	11/12/2021 4:25:00 PM	R82818
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/12/2021 4:25:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-3

Project: Mobil CI 8

Collection Date: 11/10/2021 10:49:00 AM

Lab ID: 2111650-011

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	330	59		mg/Kg	20	11/12/2021 6:04:59 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/12/2021 7:36:39 PM	63909
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/12/2021 7:36:39 PM	63909
Surr: DNOP	101	70-130		%Rec	1	11/12/2021 7:36:39 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	11/12/2021 4:44:00 PM	R82818
Surr: BFB	102	70-130		%Rec	1	11/12/2021 4:44:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.022		mg/Kg	1	11/12/2021 4:44:00 PM	R82818
Toluene	ND	0.043		mg/Kg	1	11/12/2021 4:44:00 PM	R82818
Ethylbenzene	ND	0.043		mg/Kg	1	11/12/2021 4:44:00 PM	R82818
Xylenes, Total	ND	0.087		mg/Kg	1	11/12/2021 4:44:00 PM	R82818
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	11/12/2021 4:44:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-4

Project: Mobil CI 8

Collection Date: 11/10/2021 10:46:00 AM

Lab ID: 2111650-012

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	180	60		mg/Kg	20	11/12/2021 6:17:24 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/12/2021 8:00:27 PM	63909
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/12/2021 8:00:27 PM	63909
Surr: DNOP	94.2	70-130		%Rec	1	11/12/2021 8:00:27 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/12/2021 5:04:00 PM	R82818
Surr: BFB	95.7	70-130		%Rec	1	11/12/2021 5:04:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.018		mg/Kg	1	11/12/2021 5:04:00 PM	R82818
Toluene	ND	0.036		mg/Kg	1	11/12/2021 5:04:00 PM	R82818
Ethylbenzene	ND	0.036		mg/Kg	1	11/12/2021 5:04:00 PM	R82818
Xylenes, Total	ND	0.072		mg/Kg	1	11/12/2021 5:04:00 PM	R82818
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/12/2021 5:04:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-5

Project: Mobil CI 8

Collection Date: 11/10/2021 10:44:00 AM

Lab ID: 2111650-013

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	290	60		mg/Kg	20	11/12/2021 6:29:48 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/12/2021 8:24:13 PM	63909
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/12/2021 8:24:13 PM	63909
Surr: DNOP	108	70-130		%Rec	1	11/12/2021 8:24:13 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	8.2		mg/Kg	1	11/12/2021 5:24:00 PM	R82818
Surr: BFB	99.8	70-130		%Rec	1	11/12/2021 5:24:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.041		mg/Kg	1	11/12/2021 5:24:00 PM	R82818
Toluene	ND	0.082		mg/Kg	1	11/12/2021 5:24:00 PM	R82818
Ethylbenzene	ND	0.082		mg/Kg	1	11/12/2021 5:24:00 PM	R82818
Xylenes, Total	ND	0.16		mg/Kg	1	11/12/2021 5:24:00 PM	R82818
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	11/12/2021 5:24:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-6

Project: Mobil CI 8

Collection Date: 11/10/2021 10:36:00 AM

Lab ID: 2111650-014

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	240	60		mg/Kg	20	11/12/2021 6:42:12 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/12/2021 8:47:56 PM	63909
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/12/2021 8:47:56 PM	63909
Surr: DNOP	108	70-130		%Rec	1	11/12/2021 8:47:56 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	10		mg/Kg	1	11/12/2021 5:43:00 PM	R82818
Surr: BFB	97.5	70-130		%Rec	1	11/12/2021 5:43:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.051		mg/Kg	1	11/12/2021 5:43:00 PM	R82818
Toluene	ND	0.10		mg/Kg	1	11/12/2021 5:43:00 PM	R82818
Ethylbenzene	ND	0.10		mg/Kg	1	11/12/2021 5:43:00 PM	R82818
Xylenes, Total	ND	0.20		mg/Kg	1	11/12/2021 5:43:00 PM	R82818
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/12/2021 5:43:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-7

Project: Mobil CI 8

Collection Date: 11/10/2021 10:34:00 AM

Lab ID: 2111650-015

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	320	60		mg/Kg	20	11/12/2021 7:19:26 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2021 9:11:38 PM	63909
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/12/2021 9:11:38 PM	63909
Surr: DNOP	97.4	70-130		%Rec	1	11/12/2021 9:11:38 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.2		mg/Kg	1	11/12/2021 6:03:00 PM	R82818
Surr: BFB	98.2	70-130		%Rec	1	11/12/2021 6:03:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.026		mg/Kg	1	11/12/2021 6:03:00 PM	R82818
Toluene	ND	0.052		mg/Kg	1	11/12/2021 6:03:00 PM	R82818
Ethylbenzene	ND	0.052		mg/Kg	1	11/12/2021 6:03:00 PM	R82818
Xylenes, Total	ND	0.10		mg/Kg	1	11/12/2021 6:03:00 PM	R82818
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/12/2021 6:03:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-8

Project: Mobil CI 8

Collection Date: 11/10/2021 1:45:00 PM

Lab ID: 2111650-016

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	300	60		mg/Kg	20	11/12/2021 7:31:50 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/12/2021 9:35:15 PM	63909
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/12/2021 9:35:15 PM	63909
Surr: DNOP	107	70-130		%Rec	1	11/12/2021 9:35:15 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	11/12/2021 6:22:00 PM	R82818
Surr: BFB	96.3	70-130		%Rec	1	11/12/2021 6:22:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	11/12/2021 6:22:00 PM	R82818
Toluene	ND	0.038		mg/Kg	1	11/12/2021 6:22:00 PM	R82818
Ethylbenzene	ND	0.038		mg/Kg	1	11/12/2021 6:22:00 PM	R82818
Xylenes, Total	ND	0.076		mg/Kg	1	11/12/2021 6:22:00 PM	R82818
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	11/12/2021 6:22:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-9

Project: Mobil CI 8

Collection Date: 11/10/2021 1:48:00 PM

Lab ID: 2111650-017

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	310	60		mg/Kg	20	11/12/2021 7:44:14 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/12/2021 9:58:51 PM	63909
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/12/2021 9:58:51 PM	63909
Surr: DNOP	104	70-130		%Rec	1	11/12/2021 9:58:51 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	11/12/2021 7:21:00 PM	R82818
Surr: BFB	96.3	70-130		%Rec	1	11/12/2021 7:21:00 PM	R82818
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.019		mg/Kg	1	11/12/2021 7:21:00 PM	R82818
Toluene	ND	0.038		mg/Kg	1	11/12/2021 7:21:00 PM	R82818
Ethylbenzene	ND	0.038		mg/Kg	1	11/12/2021 7:21:00 PM	R82818
Xylenes, Total	ND	0.077		mg/Kg	1	11/12/2021 7:21:00 PM	R82818
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	11/12/2021 7:21:00 PM	R82818

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-10

Project: Mobil CI 8

Collection Date: 11/10/2021 1:50:00 PM

Lab ID: 2111650-018

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	100	60		mg/Kg	20	11/12/2021 7:56:39 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2021 10:22:27 PM	63909
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/12/2021 10:22:27 PM	63909
Surr: DNOP	104	70-130		%Rec	1	11/12/2021 10:22:27 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	11/12/2021 11:33:27 AM	B82821
Surr: BFB	101	70-130		%Rec	1	11/12/2021 11:33:27 AM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.015		mg/Kg	1	11/12/2021 11:33:27 AM	D82821
Toluene	ND	0.031		mg/Kg	1	11/12/2021 11:33:27 AM	D82821
Ethylbenzene	ND	0.031		mg/Kg	1	11/12/2021 11:33:27 AM	D82821
Xylenes, Total	ND	0.061		mg/Kg	1	11/12/2021 11:33:27 AM	D82821
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	11/12/2021 11:33:27 AM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-11

Project: Mobil CI 8

Collection Date: 11/10/2021 1:54:00 PM

Lab ID: 2111650-019

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	95	60		mg/Kg	20	11/12/2021 8:09:03 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2021 10:46:00 PM	63909
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/12/2021 10:46:00 PM	63909
Surr: DNOP	99.3	70-130		%Rec	1	11/12/2021 10:46:00 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	11/12/2021 12:44:10 PM	B82821
Surr: BFB	98.6	70-130		%Rec	1	11/12/2021 12:44:10 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.028		mg/Kg	1	11/12/2021 12:44:10 PM	D82821
Toluene	ND	0.055		mg/Kg	1	11/12/2021 12:44:10 PM	D82821
Ethylbenzene	ND	0.055		mg/Kg	1	11/12/2021 12:44:10 PM	D82821
Xylenes, Total	ND	0.11		mg/Kg	1	11/12/2021 12:44:10 PM	D82821
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/12/2021 12:44:10 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-12

Project: Mobil CI 8

Collection Date: 11/10/2021 1:58:00 PM

Lab ID: 2111650-020

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	720	60		mg/Kg	20	11/12/2021 8:21:27 PM	63914
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/12/2021 11:09:32 PM	63909
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/12/2021 11:09:32 PM	63909
Surr: DNOP	100	70-130		%Rec	1	11/12/2021 11:09:32 PM	63909
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.6		mg/Kg	1	11/12/2021 1:07:45 PM	B82821
Surr: BFB	99.5	70-130		%Rec	1	11/12/2021 1:07:45 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.033		mg/Kg	1	11/12/2021 1:07:45 PM	D82821
Toluene	ND	0.066		mg/Kg	1	11/12/2021 1:07:45 PM	D82821
Ethylbenzene	ND	0.066		mg/Kg	1	11/12/2021 1:07:45 PM	D82821
Xylenes, Total	ND	0.13		mg/Kg	1	11/12/2021 1:07:45 PM	D82821
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/12/2021 1:07:45 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-13

Project: Mobil CI 8

Collection Date: 11/10/2021 2:01:00 PM

Lab ID: 2111650-021

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	670	60		mg/Kg	20	11/12/2021 8:58:41 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2021 11:33:03 PM	63910
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/12/2021 11:33:03 PM	63910
Surr: DNOP	99.6	70-130		%Rec	1	11/12/2021 11:33:03 PM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/12/2021 1:31:19 PM	B82821
Surr: BFB	100	70-130		%Rec	1	11/12/2021 1:31:19 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/12/2021 1:31:19 PM	D82821
Toluene	ND	0.049		mg/Kg	1	11/12/2021 1:31:19 PM	D82821
Ethylbenzene	ND	0.049		mg/Kg	1	11/12/2021 1:31:19 PM	D82821
Xylenes, Total	ND	0.098		mg/Kg	1	11/12/2021 1:31:19 PM	D82821
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/12/2021 1:31:19 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-3

Project: Mobil CI 8

Collection Date: 11/10/2021 2:10:00 PM

Lab ID: 2111650-022

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	190	60		mg/Kg	20	11/12/2021 10:00:42 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/13/2021 12:43:39 AM	63910
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/13/2021 12:43:39 AM	63910
Surr: DNOP	108	70-130		%Rec	1	11/13/2021 12:43:39 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	2.7		mg/Kg	1	11/12/2021 1:54:52 PM	B82821
Surr: BFB	100	70-130		%Rec	1	11/12/2021 1:54:52 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.013		mg/Kg	1	11/12/2021 1:54:52 PM	D82821
Toluene	ND	0.027		mg/Kg	1	11/12/2021 1:54:52 PM	D82821
Ethylbenzene	ND	0.027		mg/Kg	1	11/12/2021 1:54:52 PM	D82821
Xylenes, Total	ND	0.053		mg/Kg	1	11/12/2021 1:54:52 PM	D82821
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/12/2021 1:54:52 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-4

Project: Mobil CI 8

Collection Date: 11/10/2021 2:15:00 PM

Lab ID: 2111650-023

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	250	60		mg/Kg	20	11/12/2021 10:13:06 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/13/2021 1:07:06 AM	63910
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/13/2021 1:07:06 AM	63910
Surr: DNOP	101	70-130		%Rec	1	11/13/2021 1:07:06 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	11/12/2021 2:18:29 PM	B82821
Surr: BFB	100	70-130		%Rec	1	11/12/2021 2:18:29 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	11/12/2021 2:18:29 PM	D82821
Toluene	ND	0.040		mg/Kg	1	11/12/2021 2:18:29 PM	D82821
Ethylbenzene	ND	0.040		mg/Kg	1	11/12/2021 2:18:29 PM	D82821
Xylenes, Total	ND	0.079		mg/Kg	1	11/12/2021 2:18:29 PM	D82821
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/12/2021 2:18:29 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-5

Project: Mobil CI 8

Collection Date: 11/10/2021 2:20:00 PM

Lab ID: 2111650-024

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	490	60		mg/Kg	20	11/12/2021 10:25:31 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/13/2021 1:30:34 AM	63910
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/13/2021 1:30:34 AM	63910
Surr: DNOP	98.6	70-130		%Rec	1	11/13/2021 1:30:34 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	11/12/2021 2:42:03 PM	B82821
Surr: BFB	99.5	70-130		%Rec	1	11/12/2021 2:42:03 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	11/12/2021 2:42:03 PM	D82821
Toluene	ND	0.043		mg/Kg	1	11/12/2021 2:42:03 PM	D82821
Ethylbenzene	ND	0.043		mg/Kg	1	11/12/2021 2:42:03 PM	D82821
Xylenes, Total	ND	0.085		mg/Kg	1	11/12/2021 2:42:03 PM	D82821
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/12/2021 2:42:03 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-6

Project: Mobil CI 8

Collection Date: 11/10/2021 2:26:00 PM

Lab ID: 2111650-025

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	360	60		mg/Kg	20	11/12/2021 10:37:56 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	11/13/2021 1:54:01 AM	63910
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	11/13/2021 1:54:01 AM	63910
Surr: DNOP	106	70-130		%Rec	1	11/13/2021 1:54:01 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	2.7		mg/Kg	1	11/12/2021 3:05:32 PM	B82821
Surr: BFB	96.9	70-130		%Rec	1	11/12/2021 3:05:32 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.013		mg/Kg	1	11/12/2021 3:05:32 PM	D82821
Toluene	ND	0.027		mg/Kg	1	11/12/2021 3:05:32 PM	D82821
Ethylbenzene	ND	0.027		mg/Kg	1	11/12/2021 3:05:32 PM	D82821
Xylenes, Total	ND	0.054		mg/Kg	1	11/12/2021 3:05:32 PM	D82821
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	11/12/2021 3:05:32 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-7

Project: Mobil CI 8

Collection Date: 11/10/2021 2:31:00 PM

Lab ID: 2111650-026

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	740	60		mg/Kg	20	11/12/2021 10:50:20 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/13/2021 2:17:25 AM	63910
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/13/2021 2:17:25 AM	63910
Surr: DNOP	107	70-130		%Rec	1	11/13/2021 2:17:25 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	7.0		mg/Kg	1	11/12/2021 5:26:01 PM	B82821
Surr: BFB	98.9	70-130		%Rec	1	11/12/2021 5:26:01 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.035		mg/Kg	1	11/12/2021 5:26:01 PM	D82821
Toluene	ND	0.070		mg/Kg	1	11/12/2021 5:26:01 PM	D82821
Ethylbenzene	ND	0.070		mg/Kg	1	11/12/2021 5:26:01 PM	D82821
Xylenes, Total	ND	0.14		mg/Kg	1	11/12/2021 5:26:01 PM	D82821
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/12/2021 5:26:01 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-8

Project: Mobil CI 8

Collection Date: 11/10/2021 2:37:00 PM

Lab ID: 2111650-027

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	360	60		mg/Kg	20	11/12/2021 11:02:44 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/13/2021 2:40:47 AM	63910
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/13/2021 2:40:47 AM	63910
Surr: DNOP	99.7	70-130		%Rec	1	11/13/2021 2:40:47 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	11/12/2021 5:49:29 PM	B82821
Surr: BFB	99.2	70-130		%Rec	1	11/12/2021 5:49:29 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	11/12/2021 5:49:29 PM	D82821
Toluene	ND	0.038		mg/Kg	1	11/12/2021 5:49:29 PM	D82821
Ethylbenzene	ND	0.038		mg/Kg	1	11/12/2021 5:49:29 PM	D82821
Xylenes, Total	ND	0.075		mg/Kg	1	11/12/2021 5:49:29 PM	D82821
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/12/2021 5:49:29 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-9

Project: Mobil CI 8

Collection Date: 11/10/2021 2:45:00 PM

Lab ID: 2111650-028

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	210	60		mg/Kg	20	11/12/2021 11:15:08 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/13/2021 3:04:07 AM	63910
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/13/2021 3:04:07 AM	63910
Surr: DNOP	110	70-130		%Rec	1	11/13/2021 3:04:07 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	11/12/2021 6:13:10 PM	B82821
Surr: BFB	98.1	70-130		%Rec	1	11/12/2021 6:13:10 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	11/12/2021 6:13:10 PM	R82821
Toluene	ND	0.033		mg/Kg	1	11/12/2021 6:13:10 PM	R82821
Ethylbenzene	ND	0.033		mg/Kg	1	11/12/2021 6:13:10 PM	R82821
Xylenes, Total	ND	0.067		mg/Kg	1	11/12/2021 6:13:10 PM	R82821
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/12/2021 6:13:10 PM	R82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-10

Project: Mobil CI 8

Collection Date: 11/10/2021 2:51:00 PM

Lab ID: 2111650-029

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	130	60		mg/Kg	20	11/12/2021 11:27:32 PM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/13/2021 3:27:27 AM	63910
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/13/2021 3:27:27 AM	63910
Surr: DNOP	109	70-130		%Rec	1	11/13/2021 3:27:27 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/12/2021 6:36:38 PM	B82821
Surr: BFB	96.1	70-130		%Rec	1	11/12/2021 6:36:38 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.018		mg/Kg	1	11/12/2021 6:36:38 PM	D82821
Toluene	ND	0.036		mg/Kg	1	11/12/2021 6:36:38 PM	D82821
Ethylbenzene	ND	0.036		mg/Kg	1	11/12/2021 6:36:38 PM	D82821
Xylenes, Total	ND	0.072		mg/Kg	1	11/12/2021 6:36:38 PM	D82821
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	11/12/2021 6:36:38 PM	D82821

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

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

Analytical Report

Lab Order **2111650**

Date Reported: **11/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-8

Project: Mobil CI 8

Collection Date: 11/10/2021 10:31:00 AM

Lab ID: 2111650-030

Matrix: MEOH (SOIL)

Received Date: 11/12/2021 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	340	61		mg/Kg	20	11/13/2021 12:04:46 AM	63919
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/13/2021 3:50:48 AM	63910
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/13/2021 3:50:48 AM	63910
Surr: DNOP	105	70-130		%Rec	1	11/13/2021 3:50:48 AM	63910
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.9		mg/Kg	1	11/12/2021 7:00:05 PM	B82821
Surr: BFB	97.2	70-130		%Rec	1	11/12/2021 7:00:05 PM	B82821
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.034		mg/Kg	1	11/12/2021 7:00:05 PM	D82821
Toluene	ND	0.069		mg/Kg	1	11/12/2021 7:00:05 PM	D82821
Ethylbenzene	ND	0.069		mg/Kg	1	11/12/2021 7:00:05 PM	D82821
Xylenes, Total	ND	0.14		mg/Kg	1	11/12/2021 7:00:05 PM	D82821
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	11/12/2021 7:00:05 PM	D82821

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111650

16-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: MB-63914	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63914	RunNo: 82834								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940745	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63914	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63914	RunNo: 82834								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940746	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

Sample ID: MB-63919	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63919	RunNo: 82834								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940775	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63919	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63919	RunNo: 82834								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940776	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111650

16-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: MB-63909	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63909	RunNo: 82830								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940675	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		101	70	130			

Sample ID: LCS-63909	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63909	RunNo: 82830								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940676	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	5.1		5.000		102	70	130			

Sample ID: LCS-63910	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63910	RunNo: 82830								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940677	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.1	68.9	135			
Surr: DNOP	5.0		5.000		101	70	130			

Sample ID: MB-63910	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63910	RunNo: 82830								
Prep Date: 11/12/2021	Analysis Date: 11/12/2021	SeqNo: 2940678	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111650

16-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: lcs-63886	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63886	RunNo: 82818								
Prep Date: 11/11/2021	Analysis Date: 11/12/2021	SeqNo: 2940171	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1200		1000		120	70	130			

Sample ID: mb-63886	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63886	RunNo: 82818								
Prep Date: 11/11/2021	Analysis Date: 11/12/2021	SeqNo: 2940172	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		101	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: B82821	RunNo: 82821								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940356	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: B82821	RunNo: 82821								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940357	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.8	78.6	131			
Surr: BFB	1100		1000		113	70	130			

Sample ID: mb-water	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: R82818	RunNo: 82818								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940434	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		98.2	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: R82818	RunNo: 82818								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940435	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	1100		1000		110	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111650

16-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: ics-63886	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63886	RunNo: 82818								
Prep Date: 11/11/2021	Analysis Date: 11/12/2021	SeqNo: 2940223	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		113	70	130			

Sample ID: mb-63886	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63886	RunNo: 82818								
Prep Date: 11/11/2021	Analysis Date: 11/12/2021	SeqNo: 2940224	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		112	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: D82821	RunNo: 82821								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940386	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		105	70	130			

Sample ID: 100ng btex ics	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: D82821	RunNo: 82821								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940387	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.5	80	120			
Toluene	0.97	0.050	1.000	0	97.1	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: 100ng btex ics	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: R82818	RunNo: 82818								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940436	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	105	80	120			
Toluene	0.98	0.050	1.000	0	97.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.2	0.10	3.000	0	106	80	120			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111650

16-Nov-21

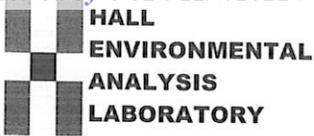
Client: EOG
Project: Mobil CI 8

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: R82818	RunNo: 82818								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940436	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		108	70	130			

Sample ID: mb-water	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: R82818	RunNo: 82818								
Prep Date:	Analysis Date: 11/12/2021	SeqNo: 2940437	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	70	130			

Qualifiers:

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



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: 2111650

RcptNo: 1

Received By: Juan Rojas 11/12/2021 8:10:00 AM

[Signature]

Completed By: Desiree Dominguez 11/12/2021 8:33:06 AM

[Signature]

Reviewed By: [Signature] 11/12/21

Chain of Custody

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

2. How was the sample delivered? Courier

Log In

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

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

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

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

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

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

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

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

11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes [checked] No []

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

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

14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes [checked] No []

of preserved bottles checked for pH: Adjusted? Checked by: [Signature] 11/12/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. 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 24-hr
 Project Name:
Mt. S. CI #8
 Project #: 5375

Project Manager: W. Kierdorf
 Sampler: W. Kennedy
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
11/16/21	1041	Soil	W-5	1-4oz Jar	Ice	2111650
	1036		W-6			013
	1034		W-7			014
	1345		W-8			015
	1348		W-9			016
	1350		W-10			017
	1354		W-11			018
	1358		W-12			019
	1401		W-13			020
	1410		F-3			021
	1415		F-4			022
	1420		F-5			023
						024

Received by: W. Kennedy Date: 11/16/21 Time: 130
 Relinquished by: W. Kennedy
 Received by: W. Kennedy Date: 11/17/21 Time: 8:10
 Relinquished by: W. Kennedy



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

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

Remarks: Bill to EOG Artesia

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



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

November 29, 2021

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

RE: Mobil CI 8

OrderNo.: 2111A02

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 3 sample(s) on 11/19/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111A02

Date Reported: 11/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-7A

Project: Mobil CI 8

Collection Date: 11/18/2021 1:34:00 PM

Lab ID: 2111A02-001

Matrix: MEOH (SOIL)

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	60		mg/Kg	20	11/21/2021 3:08:22 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/19/2021 2:33:41 PM	64043
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/19/2021 2:33:41 PM	64043
Surr: DNOP	77.7	70-130		%Rec	1	11/19/2021 2:33:41 PM	64043
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.9		mg/Kg	1	11/20/2021 1:36:19 AM	C82982
Surr: BFB	100	70-130		%Rec	1	11/20/2021 1:36:19 AM	C82982
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.030		mg/Kg	1	11/20/2021 1:36:19 AM	F82982
Toluene	ND	0.059		mg/Kg	1	11/20/2021 1:36:19 AM	F82982
Ethylbenzene	ND	0.059		mg/Kg	1	11/20/2021 1:36:19 AM	F82982
Xylenes, Total	ND	0.12		mg/Kg	1	11/20/2021 1:36:19 AM	F82982
Surr: 4-Bromofluorobenzene	99.9	70-130		%Rec	1	11/20/2021 1:36:19 AM	F82982

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

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

Page 1 of 7

Analytical Report

Lab Order 2111A02

Date Reported: 11/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-12A

Project: Mobil CI 8

Collection Date: 11/18/2021 2:02:00 PM

Lab ID: 2111A02-002

Matrix: MEOH (SOIL)

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	140	60		mg/Kg	20	11/21/2021 3:45:25 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/19/2021 2:58:02 PM	64043
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/19/2021 2:58:02 PM	64043
Surr: DNOP	77.4	70-130		%Rec	1	11/19/2021 2:58:02 PM	64043
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	11/20/2021 1:59:44 AM	C82982
Surr: BFB	100	70-130		%Rec	1	11/20/2021 1:59:44 AM	C82982
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	11/20/2021 1:59:44 AM	F82982
Toluene	ND	0.040		mg/Kg	1	11/20/2021 1:59:44 AM	F82982
Ethylbenzene	ND	0.040		mg/Kg	1	11/20/2021 1:59:44 AM	F82982
Xylenes, Total	ND	0.080		mg/Kg	1	11/20/2021 1:59:44 AM	F82982
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/20/2021 1:59:44 AM	F82982

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

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

Page 2 of 7

Analytical Report

Lab Order 2111A02

Date Reported: 11/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-13A

Project: Mobil CI 8

Collection Date: 11/18/2021 2:12:00 PM

Lab ID: 2111A02-003

Matrix: MEOH (SOIL)

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	140	59		mg/Kg	20	11/21/2021 3:57:47 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/19/2021 3:22:20 PM	64043
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/19/2021 3:22:20 PM	64043
Surr: DNOP	83.1	70-130		%Rec	1	11/19/2021 3:22:20 PM	64043
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	11/20/2021 2:23:06 AM	C82982
Surr: BFB	100	70-130		%Rec	1	11/20/2021 2:23:06 AM	C82982
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	11/20/2021 2:23:06 AM	F82982
Toluene	ND	0.034		mg/Kg	1	11/20/2021 2:23:06 AM	F82982
Ethylbenzene	ND	0.034		mg/Kg	1	11/20/2021 2:23:06 AM	F82982
Xylenes, Total	ND	0.069		mg/Kg	1	11/20/2021 2:23:06 AM	F82982
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/20/2021 2:23:06 AM	F82982

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

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

Page 3 of 7

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A02

29-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: MB-64071	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64071	RunNo: 83012								
Prep Date: 11/20/2021	Analysis Date: 11/21/2021	SeqNo: 2947964	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64071	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64071	RunNo: 83012								
Prep Date: 11/20/2021	Analysis Date: 11/21/2021	SeqNo: 2947965	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.5	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A02

29-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: MB-64043	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64043	RunNo: 82976								
Prep Date: 11/19/2021	Analysis Date: 11/19/2021	SeqNo: 2946526	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		86.9	70	130			

Sample ID: LCS-64043	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64043	RunNo: 82976								
Prep Date: 11/19/2021	Analysis Date: 11/19/2021	SeqNo: 2946527	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.1	68.9	135			
Surr: DNOP	4.2		5.000		84.4	70	130			

Sample ID: MB-64024	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64024	RunNo: 82976								
Prep Date: 11/18/2021	Analysis Date: 11/19/2021	SeqNo: 2948754	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.9		10.00		89.0	70	130			

Sample ID: LCS-64024	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64024	RunNo: 82976								
Prep Date: 11/18/2021	Analysis Date: 11/19/2021	SeqNo: 2948757	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		93.2	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A02

29-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: mb-II	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: C82982	RunNo: 82982								
Prep Date:	Analysis Date: 11/19/2021	SeqNo: 2947670	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		101	70	130			

Sample ID: 2.5ug gro lcs-II	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: C82982	RunNo: 82982								
Prep Date:	Analysis Date: 11/19/2021	SeqNo: 2947671	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.0	78.6	131			
Surr: BFB	1100		1000		115	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A02

29-Nov-21

Client: EOG
Project: Mobil CI 8

Sample ID: mb-II	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: F82982	RunNo: 82982								
Prep Date:	Analysis Date: 11/19/2021	SeqNo: 2947713	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: 100ng btex lcs-II	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: F82982	RunNo: 82982								
Prep Date:	Analysis Date: 11/19/2021	SeqNo: 2947714	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.7	80	120			
Toluene	1.0	0.050	1.000	0	99.7	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2111A02 RcptNo: 1

Received By: Cheyenne Cason 11/19/2021 8:00:00 AM
Completed By: Sean Livingston 11/19/2021 8:32:55 AM
Reviewed By: IO 11/19/21

Handwritten signatures: Cason, S. 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: CW 11/19/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.1, Good, [], [], []

ATTACHMENT 4 – HOWELL RANCH SEED
MIXTURE

James H & Betty R Howell Revocable Trust Seed Mix

1lb per acre of Plains Bristlegrass

2lbs per acre of Green Sprangletop

3lbs per acre of Side Oats Gramma

2lbs per acre of Blue Gramma

Increase to 16lbs per acre if broadcast.

Add Reclamation Mix

40% Ryegrass (Annual)

10% Millet

7.5% Kleingrass

5.7% Sideoats

5% Green Sprangletop

7.5% Bristlegrass

10% Western Wheatgrass

10% Buffalograss

2.5% Blue Grama

PLANTING RATE 20 lbs. per acre

Updated 5/23/2021

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

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

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

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

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

CONDITIONS
 Action 65337

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 65337
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	1/18/2022