RANGER
ENVIRONMENTAL SERVICES, LLC

SITE CHARACTERIZATION, ASSESSMENT, AND REMEDIATION UPDATE

MOBIL CI #9 FLOWLINE
UNIT K, SECTION 5, T19S-R25E
EDDY COUNTY, NEW MEXICO
32.68786, -104.51041
RANGER REFERENCE NO. 5375

PREPARED FOR:

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

PREPARED BY:

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

NOVEMBER 18, 2022

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Project Geoscientist

William Kierdorf, REM
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FORM C-141

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1.0 SITE LOCATION AND BACKGROUND

The Mobil Cl #9 Flowline (Site) is located immediately west of the former Mobil CI #9 Well Pad location on private property, approximately 12.5 miles southwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit K, Section 5, T19S-R25E at GPS coordinates 32.68786, -104.51041. The Mobil CI #9 well, historically operated by EOG Resources, Inc. (EOG), was plugged and abandoned in April 2021.

EOG was notified by representatives of the surface owner, Howell Ranch Revocable Trust, of areas of concern located west of the historic Mobil CI #9 well pad location along the historic path of the flowline associated with the well. The areas of concern were identified and reported due to lack of vegetation growth. Additionally, an Electromagnetic (EM) Survey was completed at the Site which indicated that multiple areas of elevated conductivity, possibly related to elevated chloride concentrations, were present along the path of the historic flowline.

EOG subsequently engaged Ranger Environmental Services, LLC. (Ranger) to assist in the assessment, remediation, and reclamation efforts at the Site. On June 23 and 24, 2022, Ranger and representatives of EOG conducted assessment activities at the reported locations. Information collected during the assessment process documented elevated soil chemical of concern (COC) concentrations in the reported areas. Based on the findings of the June 2022 site assessment activities, the incident was reported to the New Mexico Oil Conservation Division (NMOCD Incident # nAPP2223452565).

The following report has been prepared to provide the site characterization details, document the completed assessment and remediation activities, and to provide an update regarding the outstanding remediation activities which still need to be completed in order to address the site soil impacts.

The previously submitted Initial C-141 Form *Release Notification*, as well as the *Site Assessment/Characterization*, and *Remediation Plan* sections of Form C-141, are attached. A *Topographic Map* and *Area Map* noting the location of the subject property and surrounding areas, and site maps 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, information deemed acceptable to the NMOCD is limited. No wells were identified within a half-mile of the Site upon review of the USGS data. Well information available from the NMOSE was limited to one well ("RA-05331") located within a half-mile of the Site. The depth-to-groundwater in this well was reported to be 305 feet below ground surface (bgs); however, this data was noted to be greater than 25 years old and as such is not acceptable per NMOCD criteria.

During collection of the site characterization information, Ranger was provided with depth-to-groundwater data that had been collected for usage on separate EOG-related release incidents unrelated to the subject site. Since the available depth-to-groundwater information for these sites had also been found to be limited, temporary monitoring wells had been installed and gauged to provide the needed depth to groundwater information. In May 2022, representatives of GHD and HCI Drilling installed soil borings/temporary monitor wells at two locations within a half-mile of the Site. The borings/temporary monitor wells were installed at approximate GPS coordinates 32.691051, -104.516799 and 32.690553, -104.507228.

Based upon the GHD boring logs (copies included in Attachment 1), the soil borings were drilled to a depth of approximately 109 feet bgs and two-inch diameter temporary monitor wells were installed. The temporary monitor wells were allowed to equilibrate for five days and were then gauged with a Solinst water level meter on May 11, 2022. Both temporary monitor wells were found to be dry, thus documenting that the depth-to-groundwater in the area was greater than 100 feet bgs.

Based upon the GHD depth-to-groundwater investigation results and the reviewed NMOSE information, the depth-to-groundwater in the area of the Site appears to be greater than 100 feet bgs.

Copies of the reviewed depth-to-groundwater information are attached. The locations of the soil borings/temporary monitor wells and water well (RA 05331) are illustrated in the attached *DTGW Information Location Map*.

2.2 Wellhead Protection Area

Based upon the USGS and NMOSE information, and the field reconnaissance survey, one water well was identified within a half-mile of the Site (RA 05331).

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, the Site was assessed and remediated to Table 1 19.15.29.12 NMAC (groundwater >100' feet) criteria. Additionally, the remediation activities were completed to bring the surface to four-foot depth interval into compliance with the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC (Restoration Criteria). The site closure criteria are detailed below:

SITE CLOSURE CRITERIA

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	TPH (GRO+DRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')	20,000	2,500	1,000	50	10
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100[1]	---	50[1]	10[1]

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

1. 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.

3.0 SITE ASSESSMENT AND COMPLETED REMEDIATION UPDATE

3.1 June & July, 2022 - Site Assessment Activities

On June 23-24, 2022, Ranger personnel and representatives for EOG conducted soil assessment/delineation activities to evaluate the reported areas of concern along the historic path of the flowline west of the Mobil CI #9 well pad. To assess the soils in the reported areas of concern, an initial 26 sample points (PTH-1 through TPH-26) were completed in the reported areas of concern. The sample points were primarily completed to a depth of approximately four feet below ground surface (bgs), with one location (PTH-1) being completed to maximum depth of approximately six feet bgs.

Ranger personnel field screened the soils at the surface and at one-foot depth intervals thereafter using an organic vapor monitor (OVM) and a field chloride titration kit to assist in evaluating the soil conditions. During the assessment process, the field chloride titrations indicated that soil chloride concentrations were elevated above the applicable soil chloride reclamation criteria in

two of the reported locations. To confirm the site conditions, a minimum of two soil samples were collected for laboratory analysis from each test excavation location.

A total of 55 soil samples were collected for laboratory analysis during the June 2022 assessment activities. 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 analytical results for the samples collected during the June 2022 assessment activities, multiple samples were noted to have TPH and/or chloride concentrations in exceedance of the site closure criteria. Based on the results, two distinct areas of impact were identified which are hereafter referred to as the "*Western Area*" and "*Eastern Area*." These two areas are illustrated on the attached "*Assessment Sample Location Map*."

Various sample locations were noted to have exceedances of the Restoration Criteria in the surface to one foot profile. However, only one sample location ("PTH-13"), located in the Eastern Area, was documented to have concentrations exceeding the site closure criteria at a depth of four feet bgs. This result was considered suspect based upon the site field screening results and it is suspected that this sample included slough from the overlying shallow affected soil interval.

In summary, the June 2022 assessment activities in the Western area were successful in delineating the vertical and horizontal extent of the soil impacts; however, the lateral extent of the elevated soil concentrations in the Eastern Area was not successfully delineated.

On July 14, 2022, Ranger personnel and representatives of EOG returned to the Site to complete additional soil assessment/delineation activities in the Eastern Area. An additional five test excavations were completed at the site. In the area of prior test excavation "PTH-13," an additional test excavation was completed to a depth of approximately six feet bgs to further evaluate the vertical extent of impacts at this location. The remaining four test excavations were completed in strategic locations to assist in the delineation of the horizontal extent of the soil impacts. Once again, Ranger personnel field screened the soils using an OVM and a field chloride titration kit to assist in evaluating the soil conditions.

A minimum of two soil samples were subsequently collected from each test excavation location. Upon collection, the soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of TPH, BTEX, and total chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the July 2022 laboratory analytical results, the vertical extent of impacts in the area of sample locations "PTH-13/PTH-13A" had been successfully delineated. These results seemed to confirm that the original 4'-deep sample collected from PTH-13 was likely affected by slough that had fallen to the bottom of the test pit. The PTH-13A soil TPH results from 5' bgs and 6' bgs were documented to be nondetectable, while the 4'-deep sample from PTH-13 had been documented to contain 4,500 mg/Kg Total TPH. If the 4'-deep results had been accurate, then it is believed that at least some levels of detectable TPH concentrations would have still been present at depths of 5' bgs and 6' bgs.

The results of the horizontal delineation test excavations were successful in delineating the soil impacts to the north, east and west of the Eastern Area; however, the test excavation completed to the south of the area was documented to contain TPH concentrations in exceedance of the Restoration Criteria at a depth of one-foot bgs.

In order to complete the southerly delineation of the soil impacts in the Eastern Area, on August 26, 2022, Ranger personnel and representatives of EOG returned to the site and installed and sampled an additional three test excavations. Once again, Ranger personnel field screened the soils using an OVM and a field chloride titration kit to assist in evaluating the soil conditions. A minimum of two soil samples were collected from each test excavation location.

Upon collection, the soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of TPH, BTEX, total chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures. Upon review of the soil sample analytical results, the additional assessment activities were determined to have been successful in completing the delineation of the soil impacts at the Site.

The assessment soil analytical data are summarized in the attached "*Assessment Soil Sample BTEX, TPH & Chloride Analytical Data*" table. Copies of the laboratory analytical reports are also attached.

3.2 Completed Site Remediation and Confirmation Sampling

In order to address the elevated soil concentrations documented during the site assessment process, soil removal operations were initiated at the Site in October 2022. During the excavation process, Ranger personnel collected field readings from the excavated areas utilizing an OVM and field chloride titration kit to guide the excavation boundaries and depths. To confirm that the excavated areas had been completed to appropriate boundaries, initial cleanup confirmation soil samples were collected on October 20, 2022.

The cleanup 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 laboratory analytical results for the October 20, 2022 cleanup confirmation sampling event, all samples collected from the excavation base areas were documented to be at or below the site closure criteria. Additionally, 12 of the 15 samples collected from the excavation side walls were documented to have COC concentrations at or below the site closure criteria. The three outstanding excavation wall samples ("EW-8", "WW-3", and "WW-5") were noted to contain TPH and/or chloride concentrations in exceedance of the Reclamation Criteria.

To address the excavation wall areas documented to contain COC concentrations remaining in exceedance of the Reclamation Criteria, additional soil removal and cleanup confirmation sampling activities were completed on November 3, 2022. The cleanup confirmation soil samples were collected in accordance with NMAC 19.15.29.12 with each sample representing less than 200 square feet.

Upon review of the November 3, 2022 laboratory analytical results, one of the three subject sample areas ("WW-5") was confirmed to have been excavated to boundaries in attainment of the Restoration Criteria. The two remaining sample areas ("WW-3" & "EW-8") were once again documented to contain TPH concentrations remaining in exceedance of the Reclamation Criteria. Based on these results, additional remedial efforts are necessary at the Site.

Site Maps depicting the completed excavation areas and cleanup confirmation sampling areas are attached.

3.3 Waste Disposal

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

4.0 REMAINING SITE ACTIVITIES

4.1 Additional Soil Removal

In order to address the remaining elevated soil TPH concentrations in the "WW-3" & "EW-8" sample areas, additional soil removal operations will be completed. Upon completion of the removal operations, additional cleanup confirmation soil samples will be collected in accordance with NMAC 19.15.29.12 with each sample representing less than 200 square feet.

All soil generated during the additional remedial efforts will be transported and disposed of at an approved disposal facility.

4.2 Site Backfill and Re-seeding

Upon confirmation that the remedial efforts have been completed to boundaries in attainment of the site closure criteria, 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.

4.3 Site Closure

Upon completion of the additional remedial activities at the Site, a C-141 Closure Report will be submitted to the NMOCD, and site closure will be requested. The Closure Report will be completed in accordance with the closure reporting criteria detailed in NMAC 19.15.29.12(E).

FORM C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	nAPP2223452565
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 # *nAPP2223452565*
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.68786 Longitude -104.51041
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Mobil CI Federal #9- Pipeline	Site Type Pipeline
Date Release Discovered 08/22/2022	API# *(if applicable)* 30-015-23331

Unit Letter	Section	Township	Range	County
K	5	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)

☑ Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
☑ Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☑ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The landowner provided notice of suspected historical impacts along the out of service pipeline ROW. An environmental consultant was retained to investigate the area for possible impacts of a historical release. Based on the initial investigation, it is the consultant's recommendation due to the dimensions and concentrations of constituents at the two distinct areas discovered along the pipeline ROW, that a C-141 be submitted.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2223452565
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ 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

☑ The source of the release has been stopped.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Chase Settle
Title: Rep Safety & Environmental Sr

Signature: Chase Settle
Date: 08/22/2022

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

OCD Only

Received by: Jocelyn Harimon
Date: 08/22/2022

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

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 136584
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	8/22/2022

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2223452565
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?	>109' (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ 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

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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: 11/18/2022

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

OCD Only

Received by: Jocelyn Harimon Date: 11/18/2022

State of New Mexico
Oil Conservation Division

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Remediation Plan

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

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

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

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 11/18/2022

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

OCD Only

Received by: Jocelyn Harimon Date: 11/18/2022

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

Signature: Date:

FIGURES

Topographic Map
Area Map
DTGW Information Location Map
National Wetland Inventory Map
FEMA Floodplain Map
Karst Topography Map
Assessment Sample Location Map
Excavation and Confirmation Sample Location Map (Eastern Area)
Excavation and Confirmation Sample Location Map (Western Area)

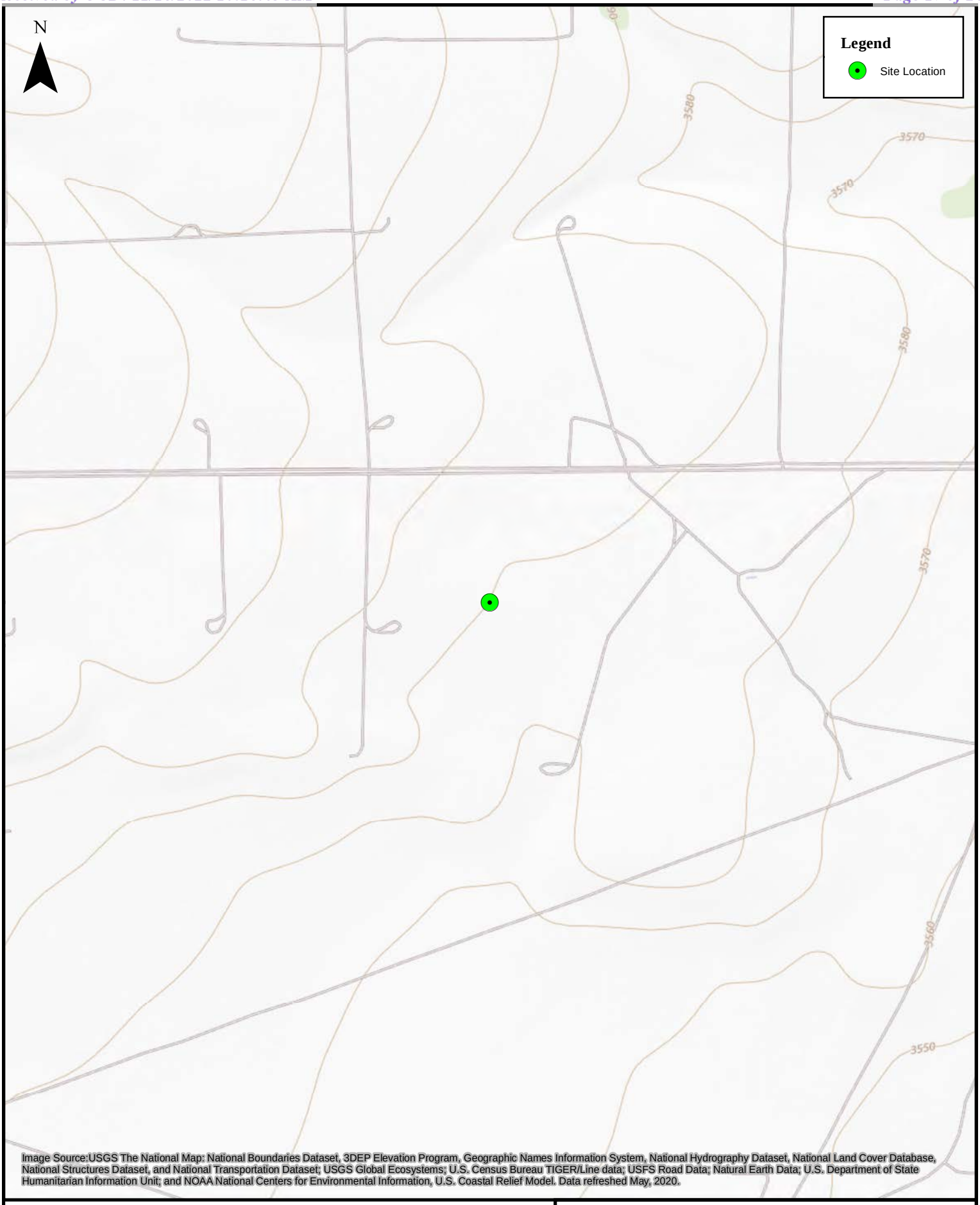


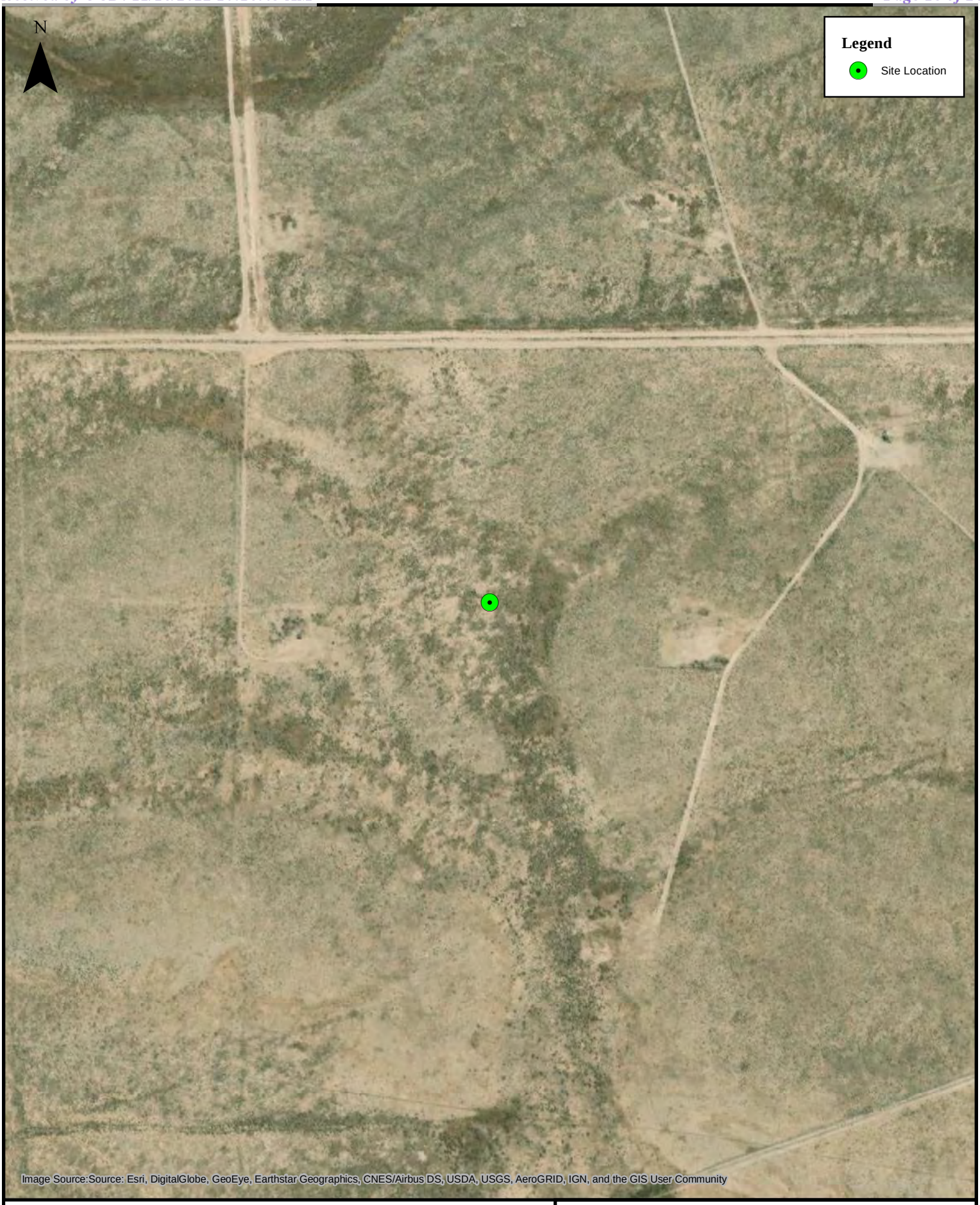
Image Source:USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line 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.

RANGER ENVIRONMENTAL SERVICES, LLC

0 262.5 525 1,050 1,575 2,100 Feet

1:10,000

Topographic Map
Mobil CI #9 Flowline
EOG Resources, Inc.



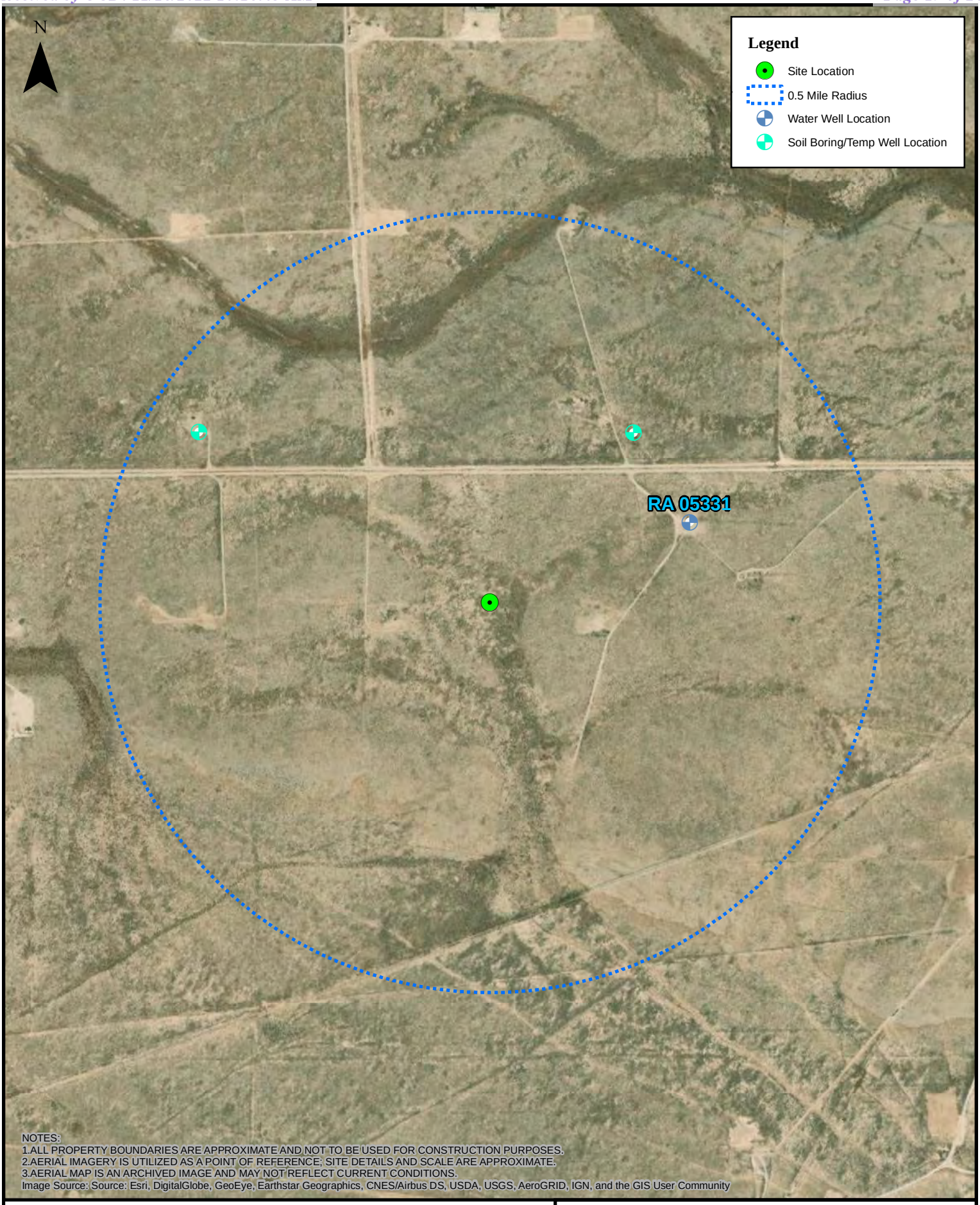
RANGER ENVIRONMENTAL SERVICES, LLC

0 125 250 500 750 1,000 Feet

1:5,000

Area Map

Mobil CI #9 Flowline
EOG Resources, Inc.



NOTES:
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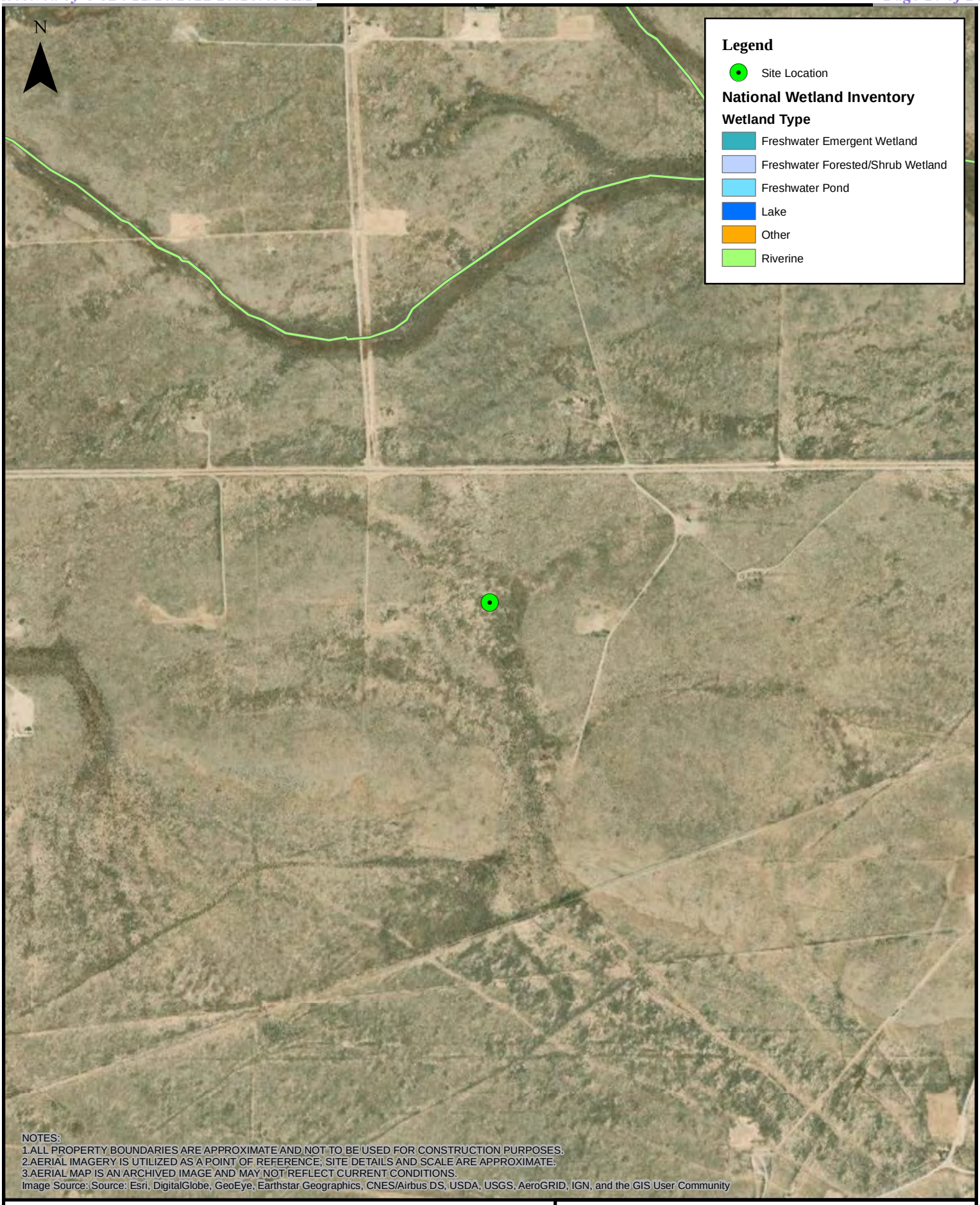
2.AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAILS AND SCALE ARE APPROXIMATE.
3.AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
Image Source: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

RANGER ENVIRONMENTAL SERVICES, LLC

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

1:10,000

DTGW Informaiton Location Map
Mobil CI #9 Flowline
EOG Resources, Inc.



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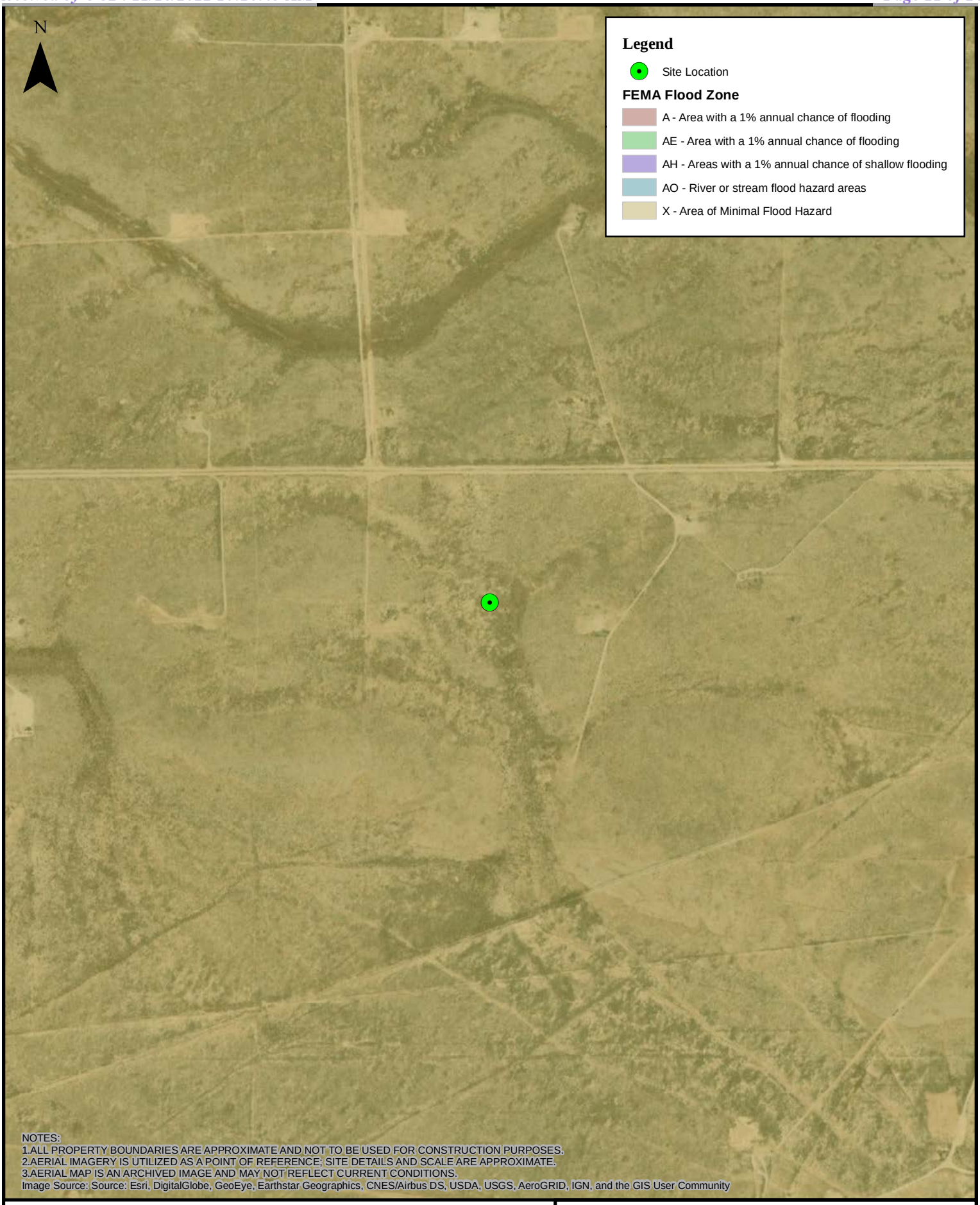
RANGER ENVIRONMENTAL SERVICES, LLC

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

1:10,000

National Wetland Inventory Map
Mobil CI #9 Flowline
EOG Resources, Inc.



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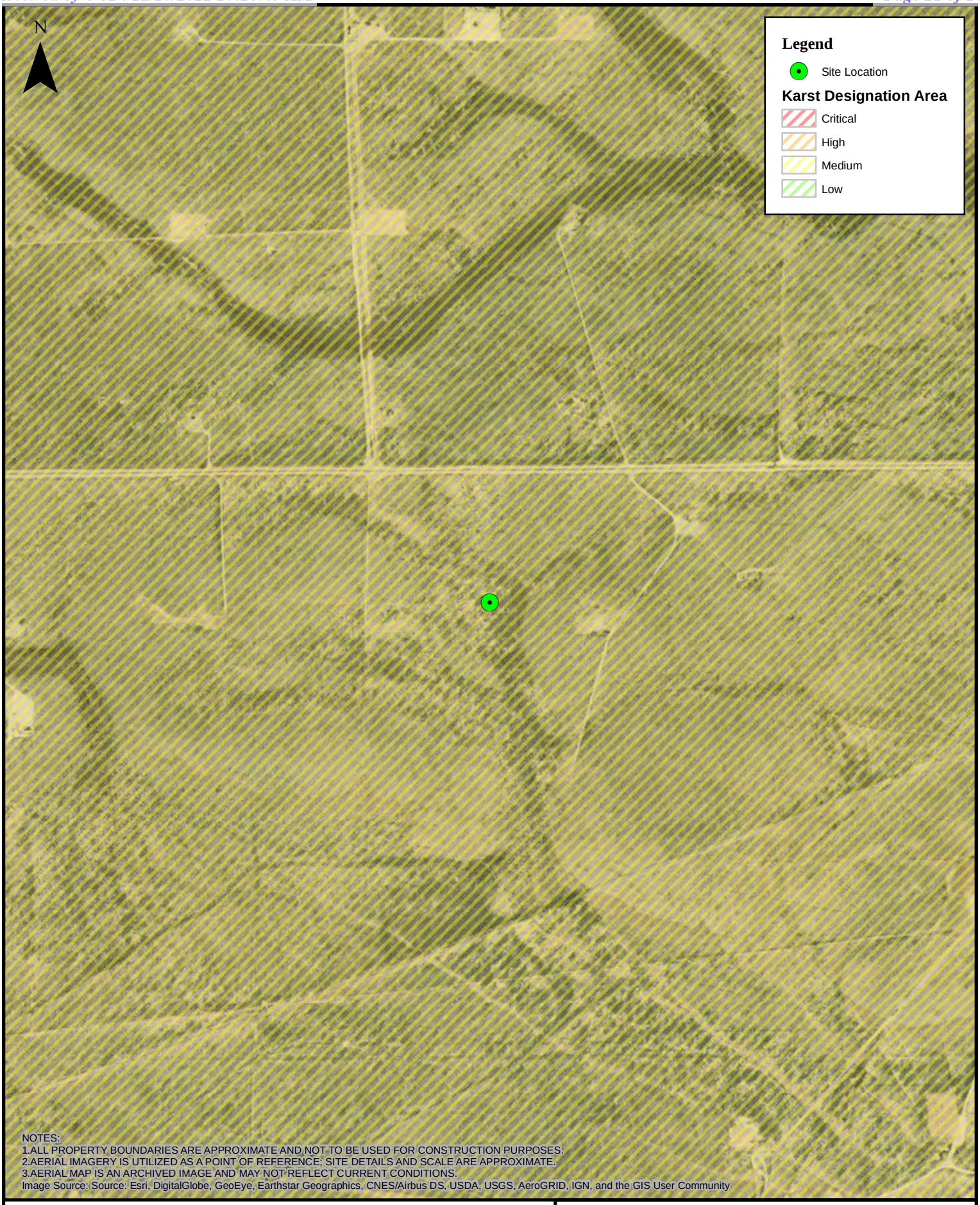
RANGER ENVIRONMENTAL SERVICES, LLC

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

1:10,000

FEMA Floodplain Map
Mobil CI #9 Flowline
EOG Resources, Inc.



RANGER ENVIRONMENTAL SERVICES, LLC

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

1:10,000

Karst Topography Map
Mobil CI #9 Flowline
EOG Resources, Inc.

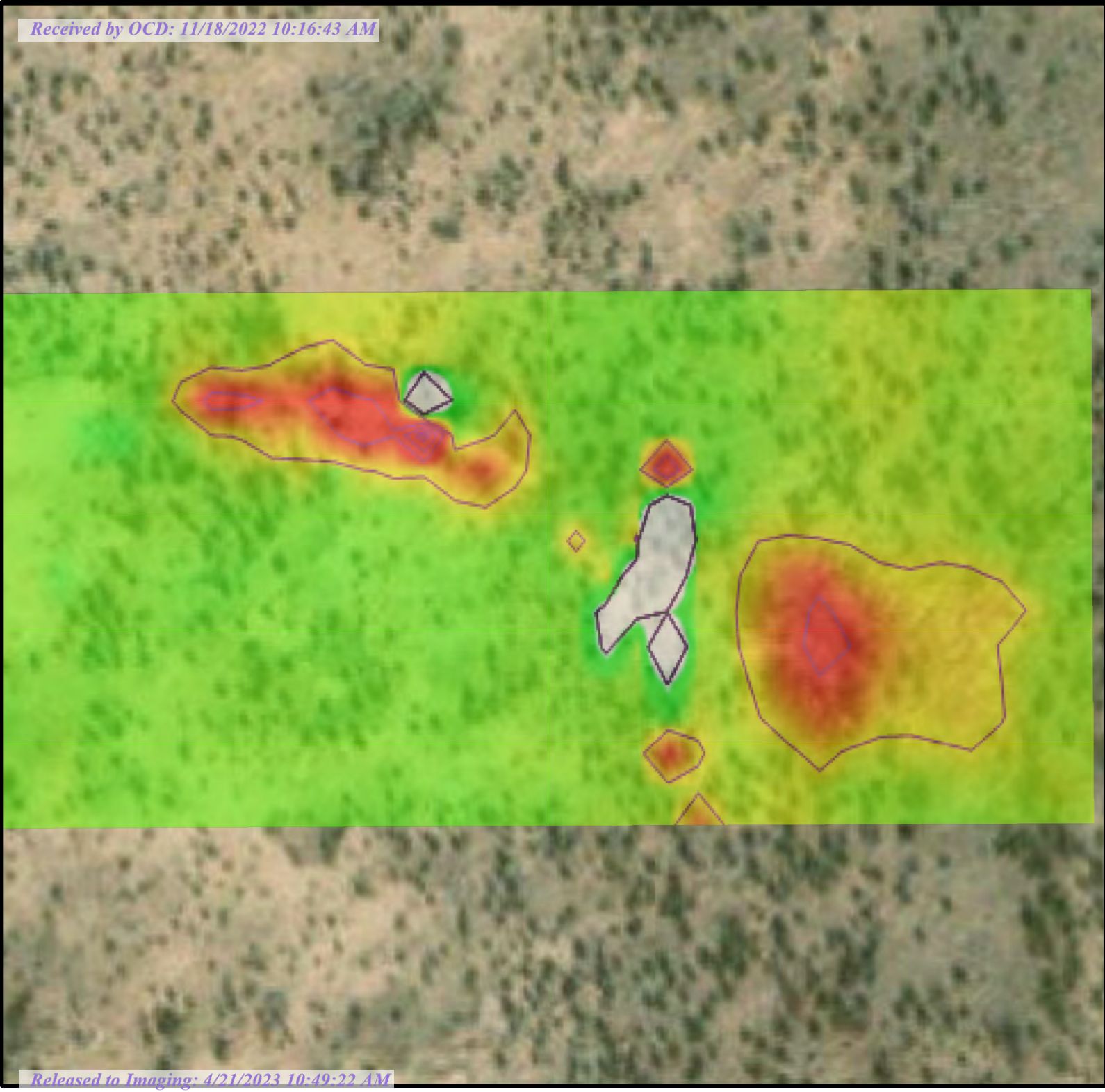


FIGURE 1 EM 38 EC
Howell Ranch
Mobile CI #9 Flowline

LEGEND

WellGIS

260
240
220
200
180
160
140
120
100
80
60
40
20
0

N

0 20 40 80

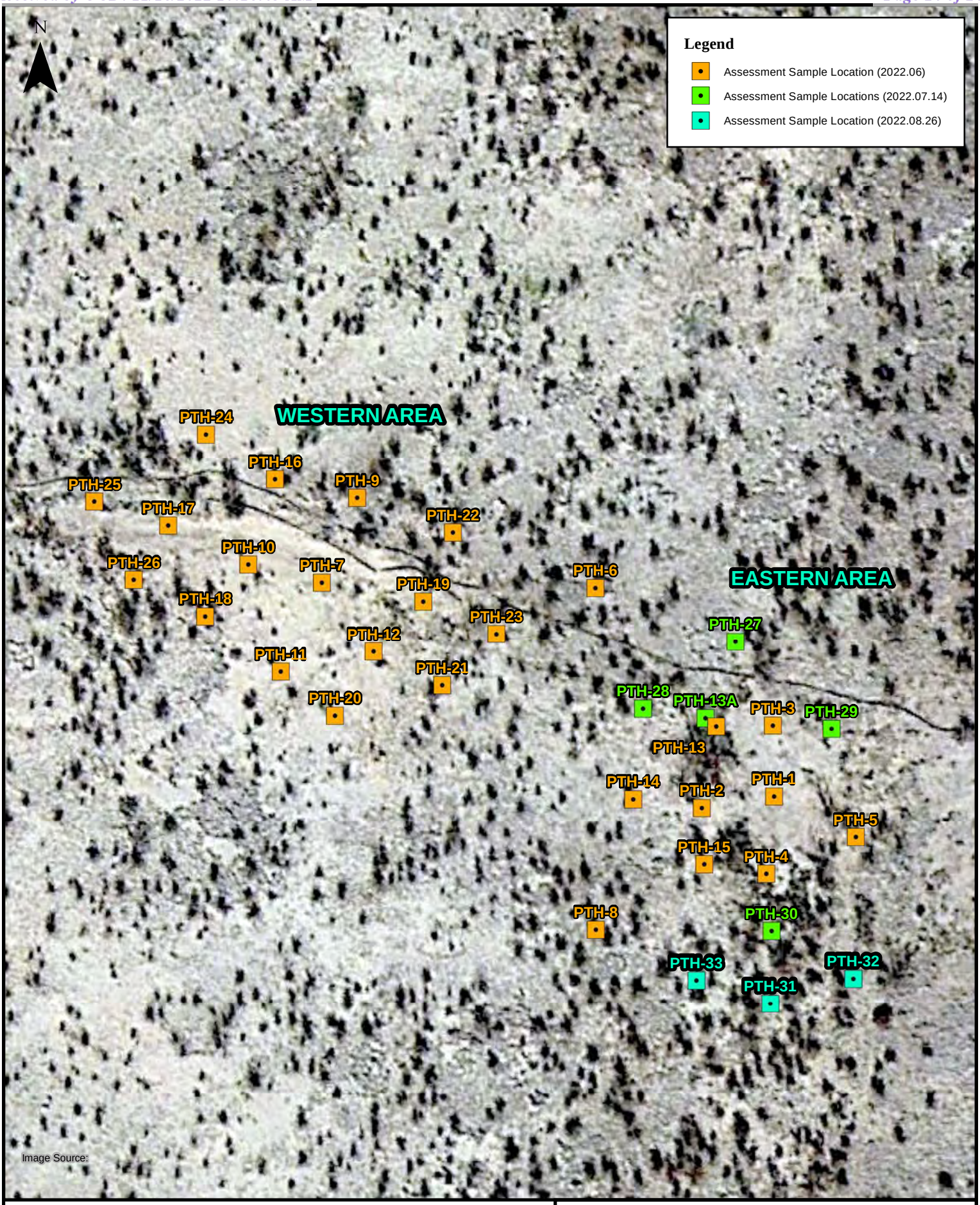
Scale: 1:500 Feet

JOB No. howell_env_18

DATE FIELD: 03/25/22 DRAWN JAW

DATE DRAWN: 4/12/2022 REVIEW LCM

Atkins ENGINEERING ASSOCIATES



RANGER ENVIRONMENTAL SERVICES, LLC

0 10 20 40 60 80 Feet

1:400

Assessment Sample Location Map
Mobil CI #9 Flowline
EOG Resources, Inc.

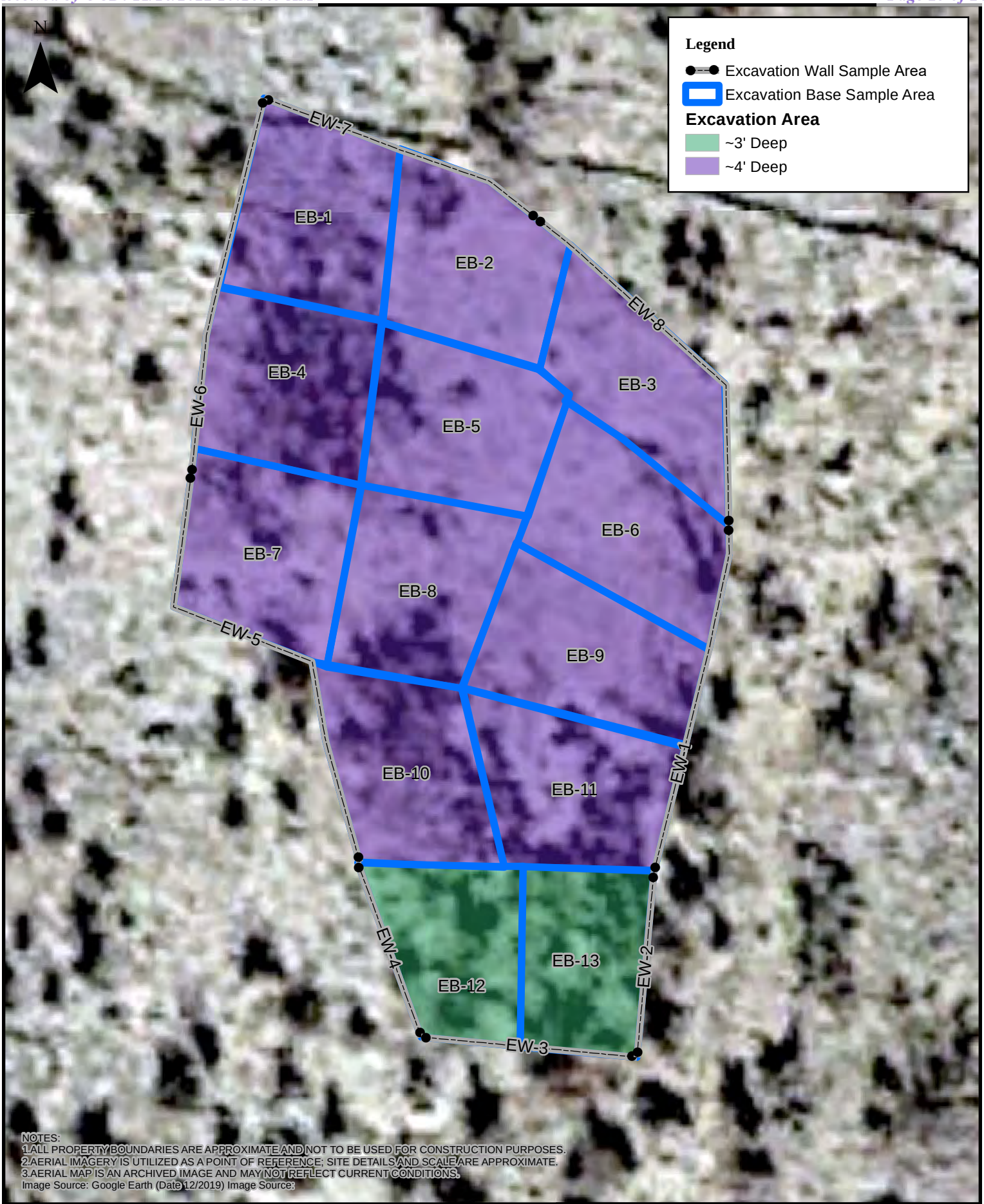


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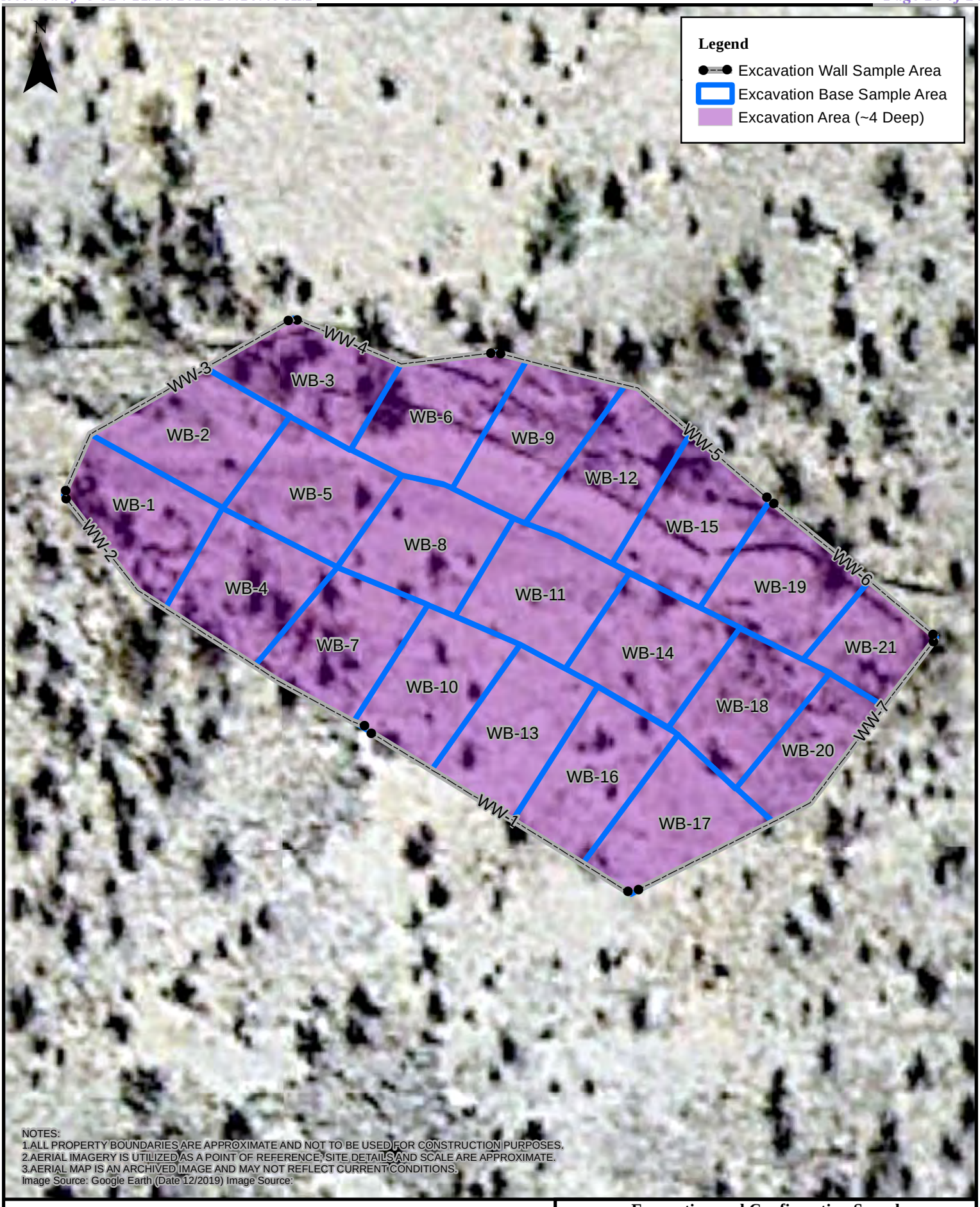
Image Source: Google Earth (Date 12/2019) Image Source:

RANGER ENVIRONMENTAL SERVICES, LLC

0 3.25 6.5 13 19.5 26 Feet

1:125

Excavation and Confirmation Sample Location Map (Eastern Area)
Mobil CI #9 Flowline
EOG Resources, Inc.



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3.AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
Image Source: Google Earth (Date 12/2019) Image Source:

RANGER ENVIRONMENTAL SERVICES, LLC

0 4.5 9 18 27 36 Feet

1:175

Excavation and Confirmation Sample Location Map (Western Area)
Mobil CI #9 Flowline
EOG Resources, Inc.

TABLES

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

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

ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
EOG RESOURCES, INC.
MOBIL CI #9 FLOWLINE

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
PTH-1/1	6/23/2022	1'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	57	150	57	210	<60
PTH-1/4	6/23/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	230	700	230	930	640
PTH-1/10	6/23/2022	10'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	37	<49	37	37	1,300
PTH-1/16	6/23/2022	16'	<0.12	<0.24	<0.24	<0.47	<0.47	<24	50	<48	50	50	2,000
PTH-2/3	6/23/2022	3'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<15	<50	<15	<50	2,300
PTH-2/4	6/23/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<15	<50	<15	<50	1,200
PTH-3/3	6/23/2022	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	89	310	89	399	330
PTH-3/4	6/23/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	210	640	210	850	350
PTH-4/1	6/23/2022	1'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	840	860	840	1,700	<60
PTH-4/4	6/23/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	120	320	120	440	91
PTH-5/1	6/23/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<48	<15	<48	<60
PTH-5/4	6/23/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	420
PTH-6/1	6/23/2022	1'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<15	<49	<15	<49	<60
PTH-6/4	6/23/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<46	<14	<46	<60
PTH-7/3	6/23/2022	3'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<15	<50	<15	<50	200
PTH-7/4	6/23/2022	4'	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	<14	<47	<14	<47	420
PTH-8/0	6/24/2022	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<49	<15	<49	<60
PTH-8/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<48	<14	<48	<60
PTH-9/0	6/24/2022	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<47	<14	<47	<59
PTH-9/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<47	<14	<47	<60
PTH-10/3	6/24/2022	3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	450	650	450	1,100	1,400
PTH-10/4	6/24/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	720	980	720	1,700	1,000
PTH-11/0	6/24/2022	0'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<49	<15	<49	<60
PTH-11/4	6/24/2022	4'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<14	<48	<14	<48	<60
PTH-12/3	6/24/2022	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	2,700
PTH-12/4	6/24/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	2,200
PTH-13/3	6/24/2022	3'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<50	<15	<50	170
PTH-13/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	2,000	2,500	2,000	4,500	280
PTH-13A/5'	7/14/2022	5'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	290
PTH-13A/6'	7/14/2022	6'	<0.024	<0.047	<0.047	<0.095	<0.10	<4.7	<15	<50	<15	<50	620
PTH-14/3	6/24/2022	3'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<13	<42	<13	<42	98
PTH-14/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<14	<47	<14	<47	110
PTH-15/3	6/24/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	430
PTH-15/4	6/24/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	510
PTH-16/3	6/24/2022	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<46	<14	<46	<60
PTH-16/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<13	<45	<13	<45	<60
PTH-17/3	6/24/2022	3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<14	<46	<14	<46	2,100
PTH-17/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	79	190	79	269	300
PTH-18/3	6/24/2022	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<13	<43	<13	<43	<60
PTH-18/4	6/24/2022	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<14	<47	<14	<47	<60
PTH-19/3	6/24/2022	3'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<48	<15	<48	2,200
PTH-19/4	6/24/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	1,800
PTH-20/3	6/24/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<46	<14	<46	<60
PTH-20/4	6/24/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<47	<14	<47	<60
PTH-21/3	6/24/2022	3'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<48	<15	<48	<60
PTH-21/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<47	<14	<47	120
PTH-22/0	6/24/2022	0'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<45	<14	<45	<60
PTH-22/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<15	<51	<15	<51	<60
PTH-23/1	6/24/2022	1'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<45	<14	<45	180
PTH-23/4	6/24/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	280
PTH-24/3	6/24/2022	3'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<47	<14	<47	210
PTH-24/4	6/24/2022	4'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<47	<14	<47	470

ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
EOG RESOURCES, INC.
MOBIL CI #9 FLOWLINE

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
PTH-25/3	6/24/2022	3'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<47	<14	<47	230
PTH-25/4	6/24/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<50	<15	<50	560
PTH-26/0	6/24/2022	0'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<15	<49	<15	<49	<60
PTH-26/4	6/24/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	<60
PTH-27/1'	7/14/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<50	<15	<50	<60
PTH-27/4'	7/14/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	<60
PTH-28/1'	7/14/2022	1'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<48	<15	<48	<60
PTH-28/4'	7/14/2022	4'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<48	<14	<48	<60
PTH-29/1'	7/14/2022	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	<60
PTH-29/4'	7/14/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	<60
PTH-30/1'	7/14/2022	1'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	83	160	83	**243**	<60
PTH-30/4'	7/14/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<15	<50	<15	<50	<59
PTH-31/1	8/26/2022	1'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<48	<14	<48	<60
PTH-31/4	8/26/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<50	<15	<50	<60
PTH-32/1	8/26/2022	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	<60
PTH-32/4	8/26/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<47	<14	<47	<60
PTH-33/1	8/26/2022	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	<60
PTH-33/4	8/26/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<49	<15	<49	<59
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')			**10**	**---**	**---**	**---**	**50**	**---**	**---**	**---**	**1,000**	**2,500**	**20,000**
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			**10** [3]	**---**	**---**	**---**	**50** [3]	**---**	**---**	**---**	**---**	**100** [3]	**600**

Notes:

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
EOG RESOURCES, INC.
MOBIL CI #9 FLOWLINE

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
Western Excavation Area Soil Samples													
WW-1	10/20/2022	0'-4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<48	<15	<48	<61
WW-2	10/20/2022	0'-4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<47	<14	<47	120
~~WW-3~~	~~10/20/2022~~	~~0'-4'~~	~~<0.025~~	~~<0.049~~	~~<0.049~~	~~<0.098~~	~~<0.10~~	~~<4.9~~	~~53~~	~~130~~	~~53~~	~~180~~	~~680~~
WW-3	11/3/2022	0'-4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	320	360	320	**680**	200
WW-4	10/20/2022	0'-4'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<47	<14	<47	110
~~WW-5~~	~~10/20/2022~~	~~0'-4'~~	~~<0.024~~	~~<0.048~~	~~<0.048~~	~~<0.095~~	~~<0.10~~	~~<4.8~~	~~130~~	~~250~~	~~130~~	~~380~~	~~420~~
WW-5	11/3/2022	0'-4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<50	<15	<50	<60
WW-6	10/20/2022	0'-4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	<60
WW-7	10/20/2022	0'-4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	<60
WB-1	10/20/2022	4'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	800	730	800	1,530	180
WB-2	10/20/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	180	260	180	440	250
WB-3	10/20/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	<61
WB-4	10/20/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	100	120	100	220	75
WB-5	10/20/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	170	190	170	360	590
WB-6	10/20/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	300
WB-7	10/20/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<46	<14	<46	<59
WB-8	10/20/2022	4'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	19	<49	19	19	<60
WB-9	10/20/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<14	<48	<14	<48	<59
WB-10	10/20/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	<60
WB-11	10/20/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	21	54	21	75	69
WB-12	10/20/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	23	<49	23	23	<60
WB-13	10/20/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<15	<49	<15	<49	<60
WB-14	10/20/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	28	<49	28	28	62
WB-15	10/20/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<48	<14	<48	120
WB-16	10/20/2022	4'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<14	<48	<14	<48	<61
WB-17	10/20/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<48	<14	<48	<60
WB-18	10/20/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<45	<14	<45	<60
WB-19	10/20/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	54	69	54	123	<60
WB-20	10/20/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<15	<49	<15	<49	<60
WB-21	10/20/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<15	<49	<15	<49	<61
Eastern Excavation Area Soil Samples													
EW-1	10/20/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<45	<14	<45	310
EW-2	10/20/2022	0'-3'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<46	<14	<46	<60
EW-3	10/20/2022	0'-3'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<15	<49	<15	<49	<60
EW-4	10/20/2022	0'-3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<14	<46	<14	<46	<60
EW-5	10/20/2022	0'-4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<14	<47	<14	<47	<60
EW-6	10/20/2022	0'-4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<15	<49	<15	<49	<60
EW-7	10/20/2022	0'-4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	23	<50	23	23	<60
~~EW-8~~	~~10/20/2022~~	~~0'-4'~~	~~<0.024~~	~~<0.048~~	~~<0.048~~	~~<0.096~~	~~<0.10~~	~~<4.8~~	~~54~~	~~97~~	~~54~~	~~150~~	~~<60~~
EW-8	11/3/2022	0'-4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	37	92	37	**129**	<60
EB-1	10/20/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	61	180	61	241	330
EB-2	10/20/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	91	230	91	321	430
EB-3	10/20/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	68	180	68	248	160
EB-4	10/20/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<47	<14	<47	<60
EB-5	10/20/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	43	150	43	193	160
EB-6	10/20/2022	4'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	44	140	44	184	1,200
EB-7	10/20/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<50	<15	<50	<59
EB-8	10/20/2022	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	41	120	41	161	300
EB-9	10/20/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<46	<14	<46	140
EB-10	10/20/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<48	<14	<48	<60
EB-11	10/20/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	34	100	34	134	<60
EB-12	10/20/2022	3'-4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	<60
EB-13	10/20/2022	3'-4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<45	<14	<45	<60
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')			**10**	**---**	**---**	**---**	**50**	**---**	**---**	**---**	**1,000**	**2,500**	**20,000**
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			**10 [3]**	**---**	**---**	**---**	**50 [3]**	**---**	**---**	**---**	**---**	**100 [3]**	**600**

Notes:

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

ATTACHMENT 1 – DEPTH-TO-GROUNDWATER DATA

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Mobil Cl Battery
PROJECT NUMBER: 12579882
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCl Drilling

HOLE DESIGNATION: SB-1
DATE COMPLETED: 6 May 2022
DRILLING METHOD: Air Rotary/Split Spoons and Cuttings
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE CHLORIDE (mg/kg)
	Partially Consolidated Caliche with sand, light grey, dry						
	CALICHE GRAVEL, with fine to medium sand and rock gravel, light grey	19.00					
	SP-SAND, fine to medium grained sand, light brown to reddish, dry	30.00					
	- light brown at 45.00ft BGS						

NOTES:

File: \\GHDNET\GHD\US\MIDLAND\PROJECTS\562\12579882\TECH\GINT LOGS\12579882 LOGS.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 9/6/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Mobil CI Battery
PROJECT NUMBER: 12579882
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-1
DATE COMPLETED: 6 May 2022
DRILLING METHOD: Air Rotary/Split Spoons and Cuttings
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE CHLORIDE (mg/kg)
75	- with gravel at 70.00ft BGS						
80							
85							
90	CL-SANDY CLAY, light brown to brown, slightly moist	87.00					
95							
100							
105			2" Ø Screen				
110	END OF BOREHOLE @ 109.00ft BGS	109.00					
115							
120							
125							
130							
135							

WELL DETAILS
Screened interval:
99.00 to 109.00ft BGS
Length: 10ft
Diameter: 2in

NOTE:
This well was plugged and abandoned.

NOTES: Temp Well Gauged on May 11, 2022 and no groundwater was detected. Temp well was plugged and abandoned.

File: \\GHDNET\GHD\US\MIDLAND\PROJECTS\562\12579882\TECH\GINT LOGS\12579882 LOGS.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 9/6/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (BEDROCK)

PROJECT NAME: Nicholas BJ (Battery)
HOLE DESIGNATION: SB-1
PROJECT NUMBER: 12579884
DATE COMPLETED: 6 May 2022
CLIENT: EOG Resources
DRILLING METHOD: Air Rotary/Split Spoons and Cuttings
LOCATION: Eddy County, New Mexico
FIELD PERSONNEL: L. Mullins
DRILLING CONTRACTOR: HCI Drilling
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	MONITORING WELL	RUN NUMBER	CORE RECOVERY %	RQD %
0	SP-SAND, fine to medium grained sand, with partially consolidated caliche, interbedded throughout					
5						
10						
15						
20						
25						
30	- light brown to reddish at 32.00ft BGS					
35						
40						
45	- with partially consolidated sandstone at 47.00ft BGS					
50						
55						
60						
65						

NOTES:

File: \\GHDNET\GHD\US\MIDLAND\PROJECTS\562\12579884\TECH\GINT LOGS\12579884 LOGS.GPJ Library File: GHD_ENVIRO_V06.GLB Report: BEDROCK LOG Date: 9/6/22

STRATIGRAPHIC AND INSTRUMENTATION LOG (BEDROCK)

PROJECT NAME: Nicholas BJ (Battery)
PROJECT NUMBER: 12579884
CLIENT: EOG Resources
LOCATION: Eddy County, New Mexico
DRILLING CONTRACTOR: HCI Drilling

HOLE DESIGNATION: SB-1
DATE COMPLETED: 6 May 2022
DRILLING METHOD: Air Rotary/Split Spoons and Cuttings
FIELD PERSONNEL: L. Mullins
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	MONITORING WELL	RUN NUMBER	CORE RECOVERY %	RQD %
75	CL-SANDY CLAY, grey, dry - slightly moist at 75.00ft BGS	70.00				
80						
85						
90						
95						
100						
105			2" Ø Screen			
110	END OF BOREHOLE @ 109.00ft BGS	109.00	WELL DETAILS Screened interval: 99.00 to 109.00ft BGS Length: 10ft Diameter: 2in NOTE: This well was plugged and abandoned.			
115						
120						
125						
130						
135						

NOTES: Temp Well Gauged on May 11, 2022 and no groundwater was detected. Temp well was plugged and abandoned.

File: \\GHDNET\GHD\US\MIDLAND\PROJECTS\562\12579884\TECH\GINT LOGS\12579884 LOGS.GPJ Library File: GHD_ENVIRO_V06.GLB Report: BEDROCK LOG Date: 9/6/22

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	Twn	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 Rcv 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**

ATTACHMENT 2 – PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPH NO. 1 – A general view of the assessment activities on June 24, 2022. The view is towards the east.

(Approximate GPS Coordinates: 32.687803, -104.510436)

PHOTOGRAPH NO. 2 – A view of the Site during the remedial excavation process on October 13, 2022. The view is towards the southeast.

(Approximate GPS Coordinates: 32.687796, -104.510126)

PHOTOGRAPH NO. 3 – A view of the Eastern Excavation/Remediation Area. The view is towards the southwest.

(Approximate GPS Coordinates: 32.687726, -104.509775)

PHOTOGRAPH NO. 4 – A view of the Western Excavation/Remediation Area. The view is towards the southwest.

(Approximate GPS Coordinates: 32.687844, -104.510148)

ATTACHMENT 3 – LABORATORY ANALYTICAL REPORTS

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

July 14, 2022

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

RE: Mobil CI 9 OrderNo.: 2206E64

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 68 sample(s) on 6/28/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-1/1
Project: Mobil CI 9
Collection Date: 6/23/2022 8:35:00 AM
Lab ID: 2206E64-001 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 3:24:46 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/1/2022 8:18:02 AM	68456
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/1/2022 8:18:02 AM	68456
Surr: DNOP	101	51.1-141		%Rec	1	7/1/2022 8:18:02 AM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 3:23:40 AM	68422
Surr: BFB	102	37.7-212		%Rec	1	6/30/2022 3:23:40 AM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 3:23:40 AM	68422
Toluene	ND	0.048		mg/Kg	1	6/30/2022 3:23:40 AM	68422
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 3:23:40 AM	68422
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2022 3:23:40 AM	68422
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	6/30/2022 3:23:40 AM	68422

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-1/4
Project: Mobil CI 9
Collection Date: 6/23/2022 8:41:00 AM
Lab ID: 2206E64-002 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	490	60		mg/Kg	20	6/30/2022 3:37:10 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/30/2022 4:22:45 PM	68456
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/30/2022 4:22:45 PM	68456
Surr: DNOP	97.5	51.1-141		%Rec	1	6/30/2022 4:22:45 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2022 4:34:13 AM	68422
Surr: BFB	98.0	37.7-212		%Rec	1	6/30/2022 4:34:13 AM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 4:34:13 AM	68422
Toluene	ND	0.049		mg/Kg	1	6/30/2022 4:34:13 AM	68422
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2022 4:34:13 AM	68422
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2022 4:34:13 AM	68422
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	6/30/2022 4:34:13 AM	68422

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-2/3
Project: Mobil CI 9
Collection Date: 6/23/2022 8:53:00 AM
Lab ID: 2206E64-003 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	640	60		mg/Kg	20	6/30/2022 4:14:24 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/30/2022 4:36:51 PM	68456
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/30/2022 4:36:51 PM	68456
Surr: DNOP	83.7	51.1-141		%Rec	1	6/30/2022 4:36:51 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 4:57:36 AM	68422
Surr: BFB	97.8	37.7-212		%Rec	1	6/30/2022 4:57:36 AM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 4:57:36 AM	68422
Toluene	ND	0.048		mg/Kg	1	6/30/2022 4:57:36 AM	68422
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 4:57:36 AM	68422
Xylenes, Total	ND	0.095		mg/Kg	1	6/30/2022 4:57:36 AM	68422
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	6/30/2022 4:57:36 AM	68422

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-2/6
Project: Mobil CI 9
Collection Date: 6/23/2022 9:10:00 AM
Lab ID: 2206E64-004 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	520	60		mg/Kg	20	6/30/2022 4:26:49 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/30/2022 4:51:23 PM	68456
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/30/2022 4:51:23 PM	68456
Surr: DNOP	72.8	51.1-141		%Rec	1	6/30/2022 4:51:23 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 5:48:00 AM	68422
Surr: BFB	88.5	37.7-212		%Rec	1	6/30/2022 5:48:00 AM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 5:48:00 AM	68422
Toluene	ND	0.050		mg/Kg	1	6/30/2022 5:48:00 AM	68422
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 5:48:00 AM	68422
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2022 5:48:00 AM	68422
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	6/30/2022 5:48:00 AM	68422

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-3/0
Project: Mobil CI 9
Collection Date: 6/23/2022 9:20:00 AM
Lab ID: 2206E64-005 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 4:39:13 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/30/2022 5:05:39 PM	68456
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/30/2022 5:05:39 PM	68456
Surr: DNOP	89.8	51.1-141		%Rec	1	6/30/2022 5:05:39 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 6:08:00 AM	68422
Surr: BFB	90.0	37.7-212		%Rec	1	6/30/2022 6:08:00 AM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 6:08:00 AM	68422
Toluene	ND	0.047		mg/Kg	1	6/30/2022 6:08:00 AM	68422
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 6:08:00 AM	68422
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 6:08:00 AM	68422
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	6/30/2022 6:08:00 AM	68422

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-3/2
Project: Mobil CI 9
Collection Date: 6/23/2022 9:24:00 AM
Lab ID: 2206E64-006 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 4:51:37 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/30/2022 5:20:05 PM	68456
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/30/2022 5:20:05 PM	68456
Surr: DNOP	87.8	51.1-141		%Rec	1	6/30/2022 5:20:05 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 6:27:00 AM	68422
Surr: BFB	91.9	37.7-212		%Rec	1	6/30/2022 6:27:00 AM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 6:27:00 AM	68422
Toluene	ND	0.048		mg/Kg	1	6/30/2022 6:27:00 AM	68422
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 6:27:00 AM	68422
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2022 6:27:00 AM	68422
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	6/30/2022 6:27:00 AM	68422

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-4/0
Project: Mobil CI 9
Collection Date: 6/23/2022 9:42:00 AM
Lab ID: 2206E64-007 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 5:04:02 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/30/2022 5:34:24 PM	68456
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/30/2022 5:34:24 PM	68456
Surr: DNOP	94.3	51.1-141		%Rec	1	6/30/2022 5:34:24 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 6:47:00 AM	68422
Surr: BFB	95.9	37.7-212		%Rec	1	6/30/2022 6:47:00 AM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 6:47:00 AM	68422
Toluene	ND	0.050		mg/Kg	1	6/30/2022 6:47:00 AM	68422
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 6:47:00 AM	68422
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2022 6:47:00 AM	68422
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	6/30/2022 6:47:00 AM	68422

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-4/2
Project: Mobil CI 9
Collection Date: 6/23/2022 9:46:00 AM
Lab ID: 2206E64-008
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	61		mg/Kg	20	6/30/2022 5:16:26 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/30/2022 5:48:47 PM	68456
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/30/2022 5:48:47 PM	68456
Surr: DNOP	95.4	51.1-141		%Rec	1	6/30/2022 5:48:47 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 12:43:24 PM	68422
Surr: BFB	99.7	37.7-212		%Rec	1	6/30/2022 12:43:24 PM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 12:43:24 PM	68422
Toluene	ND	0.047		mg/Kg	1	6/30/2022 12:43:24 PM	68422
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 12:43:24 PM	68422
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 12:43:24 PM	68422
Surr: 4-Bromofluorobenzene	93.5	70-130		%Rec	1	6/30/2022 12:43:24 PM	68422

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-5/0
Project: Mobil CI 9
Collection Date: 6/23/2022 9:35:00 AM
Lab ID: 2206E64-009 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	61		mg/Kg	20	6/30/2022 5:53:38 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/30/2022 6:03:10 PM	68456
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/30/2022 6:03:10 PM	68456
Surr: DNOP	69.2	51.1-141		%Rec	1	6/30/2022 6:03:10 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2022 1:07:05 PM	68422
Surr: BFB	101	37.7-212		%Rec	1	6/30/2022 1:07:05 PM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 1:07:05 PM	68422
Toluene	ND	0.049		mg/Kg	1	6/30/2022 1:07:05 PM	68422
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2022 1:07:05 PM	68422
Xylenes, Total	ND	0.098		mg/Kg	1	6/30/2022 1:07:05 PM	68422
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	6/30/2022 1:07:05 PM	68422

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-5/2
Project: Mobil CI 9
Collection Date: 6/23/2022 9:59:00 AM
Lab ID: 2206E64-010
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	59		mg/Kg	20	6/30/2022 6:06:02 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/1/2022 8:45:50 AM	68456
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/1/2022 8:45:50 AM	68456
Surr: DNOP	83.6	51.1-141		%Rec	1	7/1/2022 8:45:50 AM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 1:30:50 PM	68422
Surr: BFB	110	37.7-212		%Rec	1	6/30/2022 1:30:50 PM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 1:30:50 PM	68422
Toluene	ND	0.047		mg/Kg	1	6/30/2022 1:30:50 PM	68422
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 1:30:50 PM	68422
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 1:30:50 PM	68422
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	6/30/2022 1:30:50 PM	68422

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-6/0
Project: Mobil CI 9
Collection Date: 6/23/2022 10:09:00 AM
Lab ID: 2206E64-011 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 6:43:16 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/30/2022 6:46:06 PM	68456
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/30/2022 6:46:06 PM	68456
Surr: DNOP	87.9	51.1-141		%Rec	1	6/30/2022 6:46:06 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/30/2022 3:05:59 PM	68422
Surr: BFB	105	37.7-212		%Rec	1	6/30/2022 3:05:59 PM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 3:05:59 PM	68422
Toluene	ND	0.046		mg/Kg	1	6/30/2022 3:05:59 PM	68422
Ethylbenzene	ND	0.046		mg/Kg	1	6/30/2022 3:05:59 PM	68422
Xylenes, Total	ND	0.092		mg/Kg	1	6/30/2022 3:05:59 PM	68422
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	6/30/2022 3:05:59 PM	68422

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-6/2
Project: Mobil CI 9
Collection Date: 6/23/2022 10:13:00 AM
Lab ID: 2206E64-012
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 6:55:41 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/30/2022 7:00:22 PM	68456
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/30/2022 7:00:22 PM	68456
Surr: DNOP	84.1	51.1-141		%Rec	1	6/30/2022 7:00:22 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 3:29:46 PM	68422
Surr: BFB	105	37.7-212		%Rec	1	6/30/2022 3:29:46 PM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 3:29:46 PM	68422
Toluene	ND	0.048		mg/Kg	1	6/30/2022 3:29:46 PM	68422
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 3:29:46 PM	68422
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2022 3:29:46 PM	68422
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	6/30/2022 3:29:46 PM	68422

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-7/2
Project: Mobil CI 9
Collection Date: 6/23/2022 10:34:00 AM
Lab ID: 2206E64-013 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	130	60		mg/Kg	20	6/30/2022 7:08:05 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/30/2022 7:14:37 PM	68456
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/30/2022 7:14:37 PM	68456
Surr: DNOP	99.2	51.1-141		%Rec	1	6/30/2022 7:14:37 PM	68456
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 3:53:35 PM	68422
Surr: BFB	103	37.7-212		%Rec	1	6/30/2022 3:53:35 PM	68422
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 3:53:35 PM	68422
Toluene	ND	0.048		mg/Kg	1	6/30/2022 3:53:35 PM	68422
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 3:53:35 PM	68422
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2022 3:53:35 PM	68422
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	6/30/2022 3:53:35 PM	68422

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: TH-7/4
Project: Mobil CI 9
Collection Date: 6/23/2022 10:38:00 AM
Lab ID: 2206E64-014 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	67	60		mg/Kg	20	6/30/2022 7:45:17 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/1/2022 2:26:52 AM	68457
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/1/2022 2:26:52 AM	68457
Surr: DNOP	102	51.1-141		%Rec	1	7/1/2022 2:26:52 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 1:30:00 PM	68425
Surr: BFB	93.7	37.7-212		%Rec	1	6/30/2022 1:30:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 1:30:00 PM	68425
Toluene	ND	0.050		mg/Kg	1	6/30/2022 1:30:00 PM	68425
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 1:30:00 PM	68425
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2022 1:30:00 PM	68425
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	6/30/2022 1:30:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-1/1
Project: Mobil CI 9
Collection Date: 6/23/2022 11:02:00 AM
Lab ID: 2206E64-015 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 7:57:41 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	57	15		mg/Kg	1	7/6/2022 1:45:07 PM	68457
Motor Oil Range Organics (MRO)	150	49		mg/Kg	1	7/6/2022 1:45:07 PM	68457
Surr: DNOP	91.0	51.1-141		%Rec	1	7/6/2022 1:45:07 PM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 2:50:00 PM	68425
Surr: BFB	92.6	37.7-212		%Rec	1	6/30/2022 2:50:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 2:50:00 PM	68425
Toluene	ND	0.047		mg/Kg	1	6/30/2022 2:50:00 PM	68425
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 2:50:00 PM	68425
Xylenes, Total	ND	0.095		mg/Kg	1	6/30/2022 2:50:00 PM	68425
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	6/30/2022 2:50:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-1/4
Project: Mobil CI 9
Collection Date: 6/23/2022 11:08:00 AM
Lab ID: 2206E64-016 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	640	60		mg/Kg	20	6/30/2022 8:10:05 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	230	15		mg/Kg	1	7/6/2022 2:13:27 PM	68457
Motor Oil Range Organics (MRO)	700	49		mg/Kg	1	7/6/2022 2:13:27 PM	68457
Surr: DNOP	100	51.1-141		%Rec	1	7/6/2022 2:13:27 PM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 3:50:00 PM	68425
Surr: BFB	91.8	37.7-212		%Rec	1	6/30/2022 3:50:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 3:50:00 PM	68425
Toluene	ND	0.047		mg/Kg	1	6/30/2022 3:50:00 PM	68425
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 3:50:00 PM	68425
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 3:50:00 PM	68425
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	6/30/2022 3:50:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-1/10
Project: Mobil CI 9
Collection Date: 6/23/2022 11:56:00 AM
Lab ID: 2206E64-017
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	1300	60		mg/Kg	20	6/30/2022 8:22:30 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	37	15		mg/Kg	1	7/1/2022 4:25:51 AM	68457
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/1/2022 4:25:51 AM	68457
Surr: DNOP	106	51.1-141		%Rec	1	7/1/2022 4:25:51 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 4:09:00 PM	68425
Surr: BFB	88.8	37.7-212		%Rec	1	6/30/2022 4:09:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 4:09:00 PM	68425
Toluene	ND	0.050		mg/Kg	1	6/30/2022 4:09:00 PM	68425
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 4:09:00 PM	68425
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2022 4:09:00 PM	68425
Surr: 4-Bromofluorobenzene	83.4	70-130		%Rec	1	6/30/2022 4:09:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-1/16
Project: Mobil CI 9
Collection Date: 6/23/2022 2:02:00 PM
Lab ID: 2206E64-018 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	2000	60		mg/Kg	20	6/30/2022 8:34:54 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	50	14		mg/Kg	1	7/1/2022 4:49:36 AM	68457
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/1/2022 4:49:36 AM	68457
Surr: DNOP	108	51.1-141		%Rec	1	7/1/2022 4:49:36 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	6/30/2022 1:50:00 PM	68425
Surr: BFB	103	37.7-212		%Rec	5	6/30/2022 1:50:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.12		mg/Kg	5	6/30/2022 1:50:00 PM	68425
Toluene	ND	0.24		mg/Kg	5	6/30/2022 1:50:00 PM	68425
Ethylbenzene	ND	0.24		mg/Kg	5	6/30/2022 1:50:00 PM	68425
Xylenes, Total	ND	0.47		mg/Kg	5	6/30/2022 1:50:00 PM	68425
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	5	6/30/2022 1:50:00 PM	68425

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-2/3
Project: Mobil CI 9
Collection Date: 6/23/2022 2:30:00 PM
Lab ID: 2206E64-019 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	2300	150		mg/Kg	50	7/1/2022 7:01:09 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/1/2022 5:13:27 AM	68457
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/1/2022 5:13:27 AM	68457
Surr: DNOP	86.7	51.1-141		%Rec	1	7/1/2022 5:13:27 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 4:29:00 PM	68425
Surr: BFB	91.5	37.7-212		%Rec	1	6/30/2022 4:29:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 4:29:00 PM	68425
Toluene	ND	0.048		mg/Kg	1	6/30/2022 4:29:00 PM	68425
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 4:29:00 PM	68425
Xylenes, Total	ND	0.095		mg/Kg	1	6/30/2022 4:29:00 PM	68425
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	6/30/2022 4:29:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-2/4
Project: Mobil CI 9
Collection Date: 6/23/2022 2:32:00 PM
Lab ID: 2206E64-020 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	1200	60		mg/Kg	20	6/30/2022 9:49:20 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/1/2022 5:37:17 AM	68457
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/1/2022 5:37:17 AM	68457
Surr: DNOP	97.0	51.1-141		%Rec	1	7/1/2022 5:37:17 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 4:49:00 PM	68425
Surr: BFB	92.6	37.7-212		%Rec	1	6/30/2022 4:49:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 4:49:00 PM	68425
Toluene	ND	0.047		mg/Kg	1	6/30/2022 4:49:00 PM	68425
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 4:49:00 PM	68425
Xylenes, Total	ND	0.093		mg/Kg	1	6/30/2022 4:49:00 PM	68425
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	6/30/2022 4:49:00 PM	68425

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-3/3
Project: Mobil CI 9
Collection Date: 6/23/2022 2:58:00 PM
Lab ID: 2206E64-021 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	330	60		mg/Kg	20	6/30/2022 10:01:44 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	89	15		mg/Kg	1	7/6/2022 2:56:01 PM	68457
Motor Oil Range Organics (MRO)	310	50		mg/Kg	1	7/6/2022 2:56:01 PM	68457
Surr: DNOP	80.7	51.1-141		%Rec	1	7/6/2022 2:56:01 PM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 5:09:00 PM	68425
Surr: BFB	93.2	37.7-212		%Rec	1	6/30/2022 5:09:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 5:09:00 PM	68425
Toluene	ND	0.048		mg/Kg	1	6/30/2022 5:09:00 PM	68425
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 5:09:00 PM	68425
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2022 5:09:00 PM	68425
Surr: 4-Bromofluorobenzene	84.8	70-130		%Rec	1	6/30/2022 5:09:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-3/4
Project: Mobil CI 9
Collection Date: 6/23/2022 3:00:00 PM
Lab ID: 2206E64-022
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	350	59		mg/Kg	20	6/30/2022 10:14:08 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	210	15		mg/Kg	1	7/6/2022 3:38:59 PM	68457
Motor Oil Range Organics (MRO)	640	49		mg/Kg	1	7/6/2022 3:38:59 PM	68457
Surr: DNOP	96.6	51.1-141		%Rec	1	7/6/2022 3:38:59 PM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 5:29:00 PM	68425
Surr: BFB	90.9	37.7-212		%Rec	1	6/30/2022 5:29:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 5:29:00 PM	68425
Toluene	ND	0.047		mg/Kg	1	6/30/2022 5:29:00 PM	68425
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 5:29:00 PM	68425
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 5:29:00 PM	68425
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	6/30/2022 5:29:00 PM	68425

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-4/1
Project: Mobil CI 9
Collection Date: 6/23/2022 3:23:00 PM
Lab ID: 2206E64-023 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 10:26:32 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	840	140		mg/Kg	10	7/7/2022 10:19:49 AM	68457
Motor Oil Range Organics (MRO)	860	480		mg/Kg	10	7/7/2022 10:19:49 AM	68457
Surr: DNOP	0	51.1-141	S	%Rec	10	7/7/2022 10:19:49 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 5:49:00 PM	68425
Surr: BFB	93.7	37.7-212		%Rec	1	6/30/2022 5:49:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 5:49:00 PM	68425
Toluene	ND	0.047		mg/Kg	1	6/30/2022 5:49:00 PM	68425
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 5:49:00 PM	68425
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 5:49:00 PM	68425
Surr: 4-Bromofluorobenzene	87.8	70-130		%Rec	1	6/30/2022 5:49:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-4/4
Project: Mobil CI 9
Collection Date: 6/23/2022 3:29:00 PM
Lab ID: 2206E64-024 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	91	60		mg/Kg	20	6/30/2022 10:38:57 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	120	15		mg/Kg	1	7/6/2022 5:34:01 PM	68457
Motor Oil Range Organics (MRO)	320	49		mg/Kg	1	7/6/2022 5:34:01 PM	68457
Surr: DNOP	88.0	51.1-141		%Rec	1	7/6/2022 5:34:01 PM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 6:29:00 PM	68425
Surr: BFB	93.1	37.7-212		%Rec	1	6/30/2022 6:29:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 6:29:00 PM	68425
Toluene	ND	0.048		mg/Kg	1	6/30/2022 6:29:00 PM	68425
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 6:29:00 PM	68425
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2022 6:29:00 PM	68425
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	6/30/2022 6:29:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-5/1
Project: Mobil CI 9
Collection Date: 6/23/2022 3:39:00 PM
Lab ID: 2206E64-025 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	6/30/2022 10:51:21 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/1/2022 7:36:27 AM	68457
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/1/2022 7:36:27 AM	68457
Surr: DNOP	103	51.1-141		%Rec	1	7/1/2022 7:36:27 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 6:48:00 PM	68425
Surr: BFB	90.2	37.7-212		%Rec	1	6/30/2022 6:48:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 6:48:00 PM	68425
Toluene	ND	0.048		mg/Kg	1	6/30/2022 6:48:00 PM	68425
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 6:48:00 PM	68425
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2022 6:48:00 PM	68425
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	6/30/2022 6:48:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-5/4
Project: Mobil CI 9
Collection Date: 6/23/2022 3:45:00 PM
Lab ID: 2206E64-026 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	420	60		mg/Kg	20	6/30/2022 11:03:45 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/1/2022 8:00:16 AM	68457
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/1/2022 8:00:16 AM	68457
Surr: DNOP	81.9	51.1-141		%Rec	1	7/1/2022 8:00:16 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2022 7:08:00 PM	68425
Surr: BFB	88.8	37.7-212		%Rec	1	6/30/2022 7:08:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 7:08:00 PM	68425
Toluene	ND	0.049		mg/Kg	1	6/30/2022 7:08:00 PM	68425
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2022 7:08:00 PM	68425
Xylenes, Total	ND	0.098		mg/Kg	1	6/30/2022 7:08:00 PM	68425
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	6/30/2022 7:08:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-6/1
Project: Mobil CI 9
Collection Date: 6/23/2022 4:17:00 PM
Lab ID: 2206E64-027
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	7/1/2022 2:15:48 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/1/2022 8:24:11 AM	68457
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/1/2022 8:24:11 AM	68457
Surr: DNOP	81.5	51.1-141		%Rec	1	7/1/2022 8:24:11 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 7:28:00 PM	68425
Surr: BFB	89.6	37.7-212		%Rec	1	6/30/2022 7:28:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 7:28:00 PM	68425
Toluene	ND	0.048		mg/Kg	1	6/30/2022 7:28:00 PM	68425
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 7:28:00 PM	68425
Xylenes, Total	ND	0.095		mg/Kg	1	6/30/2022 7:28:00 PM	68425
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	6/30/2022 7:28:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-6/4
Project: Mobil CI 9
Collection Date: 6/23/2022 4:23:00 PM
Lab ID: 2206E64-028 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	7/1/2022 2:28:12 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/1/2022 8:48:08 AM	68457
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/1/2022 8:48:08 AM	68457
Surr: DNOP	76.6	51.1-141		%Rec	1	7/1/2022 8:48:08 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 7:48:00 PM	68425
Surr: BFB	87.0	37.7-212		%Rec	1	6/30/2022 7:48:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 7:48:00 PM	68425
Toluene	ND	0.048		mg/Kg	1	6/30/2022 7:48:00 PM	68425
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 7:48:00 PM	68425
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2022 7:48:00 PM	68425
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	6/30/2022 7:48:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-7/3
Project: Mobil CI 9
Collection Date: 6/23/2022 4:36:00 PM
Lab ID: 2206E64-029 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	200	59		mg/Kg	20	7/1/2022 2:40:36 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/1/2022 9:11:58 AM	68457
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/1/2022 9:11:58 AM	68457
Surr: DNOP	82.8	51.1-141		%Rec	1	7/1/2022 9:11:58 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 8:08:00 PM	68425
Surr: BFB	90.1	37.7-212		%Rec	1	6/30/2022 8:08:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 8:08:00 PM	68425
Toluene	ND	0.047		mg/Kg	1	6/30/2022 8:08:00 PM	68425
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 8:08:00 PM	68425
Xylenes, Total	ND	0.093		mg/Kg	1	6/30/2022 8:08:00 PM	68425
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	6/30/2022 8:08:00 PM	68425

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-7/4
Project: Mobil CI 9
Collection Date: 6/23/2022 4:37:00 PM
Lab ID: 2206E64-030
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	420	60		mg/Kg	20	7/1/2022 2:53:00 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/1/2022 9:35:52 AM	68457
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/1/2022 9:35:52 AM	68457
Surr: DNOP	85.0	51.1-141		%Rec	1	7/1/2022 9:35:52 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/30/2022 8:28:00 PM	68425
Surr: BFB	89.0	37.7-212		%Rec	1	6/30/2022 8:28:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 8:28:00 PM	68425
Toluene	ND	0.046		mg/Kg	1	6/30/2022 8:28:00 PM	68425
Ethylbenzene	ND	0.046		mg/Kg	1	6/30/2022 8:28:00 PM	68425
Xylenes, Total	ND	0.091		mg/Kg	1	6/30/2022 8:28:00 PM	68425
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	6/30/2022 8:28:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-8/0
Project: Mobil CI 9
Collection Date: 6/24/2022 8:45:00 AM
Lab ID: 2206E64-031 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	7/1/2022 3:30:14 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/1/2022 9:59:54 AM	68457
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/1/2022 9:59:54 AM	68457
Surr: DNOP	86.4	51.1-141		%Rec	1	7/1/2022 9:59:54 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 8:47:00 PM	68425
Surr: BFB	87.8	37.7-212		%Rec	1	6/30/2022 8:47:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 8:47:00 PM	68425
Toluene	ND	0.047		mg/Kg	1	6/30/2022 8:47:00 PM	68425
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 8:47:00 PM	68425
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 8:47:00 PM	68425
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	6/30/2022 8:47:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-8/4
Project: Mobil CI 9
Collection Date: 6/24/2022 9:00:00 AM
Lab ID: 2206E64-032
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	7/1/2022 4:19:51 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/1/2022 10:23:46 AM	68457
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/1/2022 10:23:46 AM	68457
Surr: DNOP	70.5	51.1-141		%Rec	1	7/1/2022 10:23:46 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 9:07:00 PM	68425
Surr: BFB	87.7	37.7-212		%Rec	1	6/30/2022 9:07:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 9:07:00 PM	68425
Toluene	ND	0.048		mg/Kg	1	6/30/2022 9:07:00 PM	68425
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 9:07:00 PM	68425
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2022 9:07:00 PM	68425
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	6/30/2022 9:07:00 PM	68425

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-9/0
Project: Mobil CI 9
Collection Date: 6/24/2022 9:30:00 AM
Lab ID: 2206E64-033 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	59		mg/Kg	20	7/1/2022 4:32:15 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/1/2022 10:47:46 AM	68457
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/1/2022 10:47:46 AM	68457
Surr: DNOP	85.1	51.1-141		%Rec	1	7/1/2022 10:47:46 AM	68457
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2022 9:27:00 PM	68425
Surr: BFB	85.9	37.7-212		%Rec	1	6/30/2022 9:27:00 PM	68425
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 9:27:00 PM	68425
Toluene	ND	0.049		mg/Kg	1	6/30/2022 9:27:00 PM	68425
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2022 9:27:00 PM	68425
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2022 9:27:00 PM	68425
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	6/30/2022 9:27:00 PM	68425

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-9/4
Project: Mobil CI 9
Collection Date: 6/24/2022 9:34:00 AM
Lab ID: 2206E64-034 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/5/2022 11:42:40 AM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 2:31:58 PM	68510
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/5/2022 2:31:58 PM	68510
Surr: DNOP	82.2	51.1-141		%Rec	1	7/5/2022 2:31:58 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 4:17:21 PM	68434
Surr: BFB	106	37.7-212		%Rec	1	6/30/2022 4:17:21 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 4:17:21 PM	68434
Toluene	ND	0.048		mg/Kg	1	6/30/2022 4:17:21 PM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 4:17:21 PM	68434
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2022 4:17:21 PM	68434
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	6/30/2022 4:17:21 PM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-10/3
Project: Mobil CI 9
Collection Date: 6/24/2022 9:47:00 AM
Lab ID: 2206E64-035 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1400	60		mg/Kg	20	7/5/2022 12:19:54 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	450	150		mg/Kg	10	7/5/2022 2:56:27 PM	68510
Motor Oil Range Organics (MRO)	650	500		mg/Kg	10	7/5/2022 2:56:27 PM	68510
Surr: DNOP	0	51.1-141	S	%Rec	10	7/5/2022 2:56:27 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/30/2022 5:28:44 PM	68434
Surr: BFB	103	37.7-212		%Rec	1	6/30/2022 5:28:44 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 5:28:44 PM	68434
Toluene	ND	0.046		mg/Kg	1	6/30/2022 5:28:44 PM	68434
Ethylbenzene	ND	0.046		mg/Kg	1	6/30/2022 5:28:44 PM	68434
Xylenes, Total	ND	0.092		mg/Kg	1	6/30/2022 5:28:44 PM	68434
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	6/30/2022 5:28:44 PM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-10/4
Project: Mobil CI 9
Collection Date: 6/24/2022 9:50:00 AM
Lab ID: 2206E64-036 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1000	60		mg/Kg	20	7/5/2022 12:57:07 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	720	140		mg/Kg	10	7/5/2022 3:20:51 PM	68510
Motor Oil Range Organics (MRO)	980	470		mg/Kg	10	7/5/2022 3:20:51 PM	68510
Surr: DNOP	0	51.1-141	S	%Rec	10	7/5/2022 3:20:51 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2022 6:40:05 PM	68434
Surr: BFB	104	37.7-212		%Rec	1	6/30/2022 6:40:05 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 6:40:05 PM	68434
Toluene	ND	0.049		mg/Kg	1	6/30/2022 6:40:05 PM	68434
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2022 6:40:05 PM	68434
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2022 6:40:05 PM	68434
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	6/30/2022 6:40:05 PM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-11/0
Project: Mobil CI 9
Collection Date: 6/24/2022 9:52:00 AM
Lab ID: 2206E64-037 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/5/2022 1:09:31 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/5/2022 3:45:20 PM	68510
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/5/2022 3:45:20 PM	68510
Surr: DNOP	67.3	51.1-141		%Rec	1	7/5/2022 3:45:20 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2022 7:03:50 PM	68434
Surr: BFB	103	37.7-212		%Rec	1	6/30/2022 7:03:50 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 7:03:50 PM	68434
Toluene	ND	0.049		mg/Kg	1	6/30/2022 7:03:50 PM	68434
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2022 7:03:50 PM	68434
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2022 7:03:50 PM	68434
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	6/30/2022 7:03:50 PM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-11/4
Project: Mobil CI 9
Collection Date: 6/24/2022 9:58:00 AM
Lab ID: 2206E64-038 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/5/2022 1:46:46 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 4:09:53 PM	68510
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/5/2022 4:09:53 PM	68510
Surr: DNOP	68.9	51.1-141		%Rec	1	7/5/2022 4:09:53 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/30/2022 7:27:37 PM	68434
Surr: BFB	102	37.7-212		%Rec	1	6/30/2022 7:27:37 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 7:27:37 PM	68434
Toluene	ND	0.046		mg/Kg	1	6/30/2022 7:27:37 PM	68434
Ethylbenzene	ND	0.046		mg/Kg	1	6/30/2022 7:27:37 PM	68434
Xylenes, Total	ND	0.093		mg/Kg	1	6/30/2022 7:27:37 PM	68434
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	6/30/2022 7:27:37 PM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-12/3
Project: Mobil CI 9
Collection Date: 6/24/2022 10:08:00 AM
Lab ID: 2206E64-039 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	2700	150		mg/Kg	50	7/6/2022 10:42:34 AM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/5/2022 4:34:37 PM	68510
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/5/2022 4:34:37 PM	68510
Surr: DNOP	64.9	51.1-141		%Rec	1	7/5/2022 4:34:37 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 7:51:20 PM	68434
Surr: BFB	103	37.7-212		%Rec	1	6/30/2022 7:51:20 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 7:51:20 PM	68434
Toluene	ND	0.050		mg/Kg	1	6/30/2022 7:51:20 PM	68434
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 7:51:20 PM	68434
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2022 7:51:20 PM	68434
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	6/30/2022 7:51:20 PM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-12/4
Project: Mobil CI 9
Collection Date: 6/24/2022 10:09:00 AM
Lab ID: 2206E64-040 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	2200	150		mg/Kg	50	7/6/2022 10:54:58 AM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 4:59:14 PM	68510
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/5/2022 4:59:14 PM	68510
Surr: DNOP	55.2	51.1-141		%Rec	1	7/5/2022 4:59:14 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 8:14:59 PM	68434
Surr: BFB	104	37.7-212		%Rec	1	6/30/2022 8:14:59 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 8:14:59 PM	68434
Toluene	ND	0.050		mg/Kg	1	6/30/2022 8:14:59 PM	68434
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 8:14:59 PM	68434
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2022 8:14:59 PM	68434
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	6/30/2022 8:14:59 PM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-13/3
Project: Mobil CI 9
Collection Date: 6/24/2022 10:25:00 AM
Lab ID: 2206E64-041 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	170	60		mg/Kg	20	7/5/2022 2:23:58 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/5/2022 5:23:52 PM	68510
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/5/2022 5:23:52 PM	68510
Surr: DNOP	51.3	51.1-141		%Rec	1	7/5/2022 5:23:52 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 9:25:57 PM	68434
Surr: BFB	101	37.7-212		%Rec	1	6/30/2022 9:25:57 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 9:25:57 PM	68434
Toluene	ND	0.047		mg/Kg	1	6/30/2022 9:25:57 PM	68434
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 9:25:57 PM	68434
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2022 9:25:57 PM	68434
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	6/30/2022 9:25:57 PM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-13/4
Project: Mobil CI 9
Collection Date: 6/24/2022 10:26:00 AM
Lab ID: 2206E64-042 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	280	60		mg/Kg	20	7/5/2022 2:36:22 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	2000	140		mg/Kg	10	7/5/2022 5:48:36 PM	68510
Motor Oil Range Organics (MRO)	2500	470		mg/Kg	10	7/5/2022 5:48:36 PM	68510
Surr: DNOP	0	51.1-141	S	%Rec	10	7/5/2022 5:48:36 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 9:49:32 PM	68434
Surr: BFB	98.5	37.7-212		%Rec	1	6/30/2022 9:49:32 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 9:49:32 PM	68434
Toluene	ND	0.048		mg/Kg	1	6/30/2022 9:49:32 PM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 9:49:32 PM	68434
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2022 9:49:32 PM	68434
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	6/30/2022 9:49:32 PM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-14/3
Project: Mobil CI 9
Collection Date: 6/24/2022 10:43:00 AM
Lab ID: 2206E64-043 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	98	60		mg/Kg	20	7/5/2022 2:48:47 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	7/5/2022 6:13:20 PM	68510
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	7/5/2022 6:13:20 PM	68510
Surr: DNOP	74.2	51.1-141		%Rec	1	7/5/2022 6:13:20 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2022 10:13:08 PM	68434
Surr: BFB	98.6	37.7-212		%Rec	1	6/30/2022 10:13:08 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	6/30/2022 10:13:08 PM	68434
Toluene	ND	0.047		mg/Kg	1	6/30/2022 10:13:08 PM	68434
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2022 10:13:08 PM	68434
Xylenes, Total	ND	0.093		mg/Kg	1	6/30/2022 10:13:08 PM	68434
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	6/30/2022 10:13:08 PM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-14/4
Project: Mobil CI 9
Collection Date: 6/24/2022 10:46:00 AM
Lab ID: 2206E64-044 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	110	60		mg/Kg	20	7/5/2022 3:01:11 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 6:37:52 PM	68510
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/5/2022 6:37:52 PM	68510
Surr: DNOP	59.7	51.1-141		%Rec	1	7/5/2022 6:37:52 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 10:36:43 PM	68434
Surr: BFB	104	37.7-212		%Rec	1	6/30/2022 10:36:43 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 10:36:43 PM	68434
Toluene	ND	0.048		mg/Kg	1	6/30/2022 10:36:43 PM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 10:36:43 PM	68434
Xylenes, Total	ND	0.095		mg/Kg	1	6/30/2022 10:36:43 PM	68434
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	6/30/2022 10:36:43 PM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-15/3
Project: Mobil CI 9
Collection Date: 6/24/2022 10:59:00 AM
Lab ID: 2206E64-045 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	430	60		mg/Kg	20	7/5/2022 3:13:36 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/5/2022 7:02:36 PM	68510
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/5/2022 7:02:36 PM	68510
Surr: DNOP	54.5	51.1-141		%Rec	1	7/5/2022 7:02:36 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 11:00:11 PM	68434
Surr: BFB	104	37.7-212		%Rec	1	6/30/2022 11:00:11 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 11:00:11 PM	68434
Toluene	ND	0.050		mg/Kg	1	6/30/2022 11:00:11 PM	68434
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 11:00:11 PM	68434
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2022 11:00:11 PM	68434
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	6/30/2022 11:00:11 PM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-15/4
Project: Mobil CI 9
Collection Date: 6/24/2022 11:00:00 AM
Lab ID: 2206E64-046 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	510	61		mg/Kg	20	7/5/2022 3:26:01 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 7:27:09 PM	68510
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/5/2022 7:27:09 PM	68510
Surr: DNOP	58.0	51.1-141		%Rec	1	7/5/2022 7:27:09 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 11:23:46 PM	68434
Surr: BFB	103	37.7-212		%Rec	1	6/30/2022 11:23:46 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 11:23:46 PM	68434
Toluene	ND	0.050		mg/Kg	1	6/30/2022 11:23:46 PM	68434
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 11:23:46 PM	68434
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2022 11:23:46 PM	68434
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	6/30/2022 11:23:46 PM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-16/3
Project: Mobil CI 9
Collection Date: 6/24/2022 11:18:00 AM
Lab ID: 2206E64-047 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/5/2022 3:38:25 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 2:05:29 PM	68510
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/6/2022 2:05:29 PM	68510
Surr: DNOP	86.4	51.1-141		%Rec	1	7/6/2022 2:05:29 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2022 11:47:18 PM	68434
Surr: BFB	99.9	37.7-212		%Rec	1	6/30/2022 11:47:18 PM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	6/30/2022 11:47:18 PM	68434
Toluene	ND	0.048		mg/Kg	1	6/30/2022 11:47:18 PM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2022 11:47:18 PM	68434
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2022 11:47:18 PM	68434
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	6/30/2022 11:47:18 PM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-16/4
Project: Mobil CI 9
Collection Date: 6/24/2022 11:19:00 AM
Lab ID: 2206E64-048 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/5/2022 4:15:39 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	7/5/2022 8:16:12 PM	68510
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/5/2022 8:16:12 PM	68510
Surr: DNOP	52.6	51.1-141		%Rec	1	7/5/2022 8:16:12 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2022 12:10:47 AM	68434
Surr: BFB	102	37.7-212		%Rec	1	7/1/2022 12:10:47 AM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 12:10:47 AM	68434
Toluene	ND	0.048		mg/Kg	1	7/1/2022 12:10:47 AM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2022 12:10:47 AM	68434
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2022 12:10:47 AM	68434
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	7/1/2022 12:10:47 AM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-17/3
Project: Mobil CI 9
Collection Date: 6/24/2022 11:23:00 AM
Lab ID: 2206E64-049
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	2100	150		mg/Kg	50	7/6/2022 11:07:22 AM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 8:40:46 PM	68510
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/5/2022 8:40:46 PM	68510
Surr: DNOP	54.2	51.1-141		%Rec	1	7/5/2022 8:40:46 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/1/2022 12:34:12 AM	68434
Surr: BFB	102	37.7-212		%Rec	1	7/1/2022 12:34:12 AM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	7/1/2022 12:34:12 AM	68434
Toluene	ND	0.046		mg/Kg	1	7/1/2022 12:34:12 AM	68434
Ethylbenzene	ND	0.046		mg/Kg	1	7/1/2022 12:34:12 AM	68434
Xylenes, Total	ND	0.092		mg/Kg	1	7/1/2022 12:34:12 AM	68434
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	7/1/2022 12:34:12 AM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-17/4
Project: Mobil CI 9
Collection Date: 6/24/2022 11:24:00 AM
Lab ID: 2206E64-050 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	300	60		mg/Kg	20	7/5/2022 4:40:28 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	79	13		mg/Kg	1	7/6/2022 12:17:17 PM	68510
Motor Oil Range Organics (MRO)	190	43		mg/Kg	1	7/6/2022 12:17:17 PM	68510
Surr: DNOP	79.0	51.1-141		%Rec	1	7/6/2022 12:17:17 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2022 12:57:39 AM	68434
Surr: BFB	103	37.7-212		%Rec	1	7/1/2022 12:57:39 AM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 12:57:39 AM	68434
Toluene	ND	0.048		mg/Kg	1	7/1/2022 12:57:39 AM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2022 12:57:39 AM	68434
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2022 12:57:39 AM	68434
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	7/1/2022 12:57:39 AM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-18/3
Project: Mobil CI 9
Collection Date: 6/24/2022 11:28:00 AM
Lab ID: 2206E64-051 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/5/2022 4:52:52 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	7/5/2022 9:30:02 PM	68510
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	7/5/2022 9:30:02 PM	68510
Surr: DNOP	60.5	51.1-141		%Rec	1	7/5/2022 9:30:02 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2022 1:44:35 AM	68434
Surr: BFB	99.4	37.7-212		%Rec	1	7/1/2022 1:44:35 AM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 1:44:35 AM	68434
Toluene	ND	0.048		mg/Kg	1	7/1/2022 1:44:35 AM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2022 1:44:35 AM	68434
Xylenes, Total	ND	0.096		mg/Kg	1	7/1/2022 1:44:35 AM	68434
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	7/1/2022 1:44:35 AM	68434

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-18/4
Project: Mobil CI 9
Collection Date: 6/24/2022 11:29:00 AM
Lab ID: 2206E64-052 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/5/2022 5:05:17 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 10:19:16 PM	68510
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/5/2022 10:19:16 PM	68510
Surr: DNOP	54.0	51.1-141		%Rec	1	7/5/2022 10:19:16 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2022 2:08:05 AM	68434
Surr: BFB	103	37.7-212		%Rec	1	7/1/2022 2:08:05 AM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 2:08:05 AM	68434
Toluene	ND	0.047		mg/Kg	1	7/1/2022 2:08:05 AM	68434
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2022 2:08:05 AM	68434
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2022 2:08:05 AM	68434
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	7/1/2022 2:08:05 AM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-19/3
Project: Mobil CI 9
Collection Date: 6/24/2022 11:41:00 AM
Lab ID: 2206E64-053 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2200	61		mg/Kg	20	7/5/2022 5:17:42 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/5/2022 10:43:37 PM	68510
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/5/2022 10:43:37 PM	68510
Surr: DNOP	52.7	51.1-141		%Rec	1	7/5/2022 10:43:37 PM	68510
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2022 2:31:30 AM	68434
Surr: BFB	107	37.7-212		%Rec	1	7/1/2022 2:31:30 AM	68434
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 2:31:30 AM	68434
Toluene	ND	0.048		mg/Kg	1	7/1/2022 2:31:30 AM	68434
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2022 2:31:30 AM	68434
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2022 2:31:30 AM	68434
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	7/1/2022 2:31:30 AM	68434

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-19/4
Project: Mobil CI 9
Collection Date: 6/24/2022 11:43:00 AM
Lab ID: 2206E64-054
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	1800	60		mg/Kg	20	7/5/2022 2:16:48 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 11:08:31 PM	68511
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/5/2022 11:08:31 PM	68511
Surr: DNOP	55.5	51.1-141		%Rec	1	7/5/2022 11:08:31 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2022 11:25:00 PM	68435
Surr: BFB	90.5	37.7-212		%Rec	1	6/30/2022 11:25:00 PM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/30/2022 11:25:00 PM	68435
Toluene	ND	0.050		mg/Kg	1	6/30/2022 11:25:00 PM	68435
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2022 11:25:00 PM	68435
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2022 11:25:00 PM	68435
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	6/30/2022 11:25:00 PM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-20/3
Project: Mobil CI 9
Collection Date: 6/24/2022 11:52:00 AM
Lab ID: 2206E64-055 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/5/2022 3:18:49 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 11:33:01 PM	68511
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/5/2022 11:33:01 PM	68511
Surr: DNOP	54.0	51.1-141		%Rec	1	7/5/2022 11:33:01 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/1/2022 12:25:00 AM	68435
Surr: BFB	90.9	37.7-212		%Rec	1	7/1/2022 12:25:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	7/1/2022 12:25:00 AM	68435
Toluene	ND	0.050		mg/Kg	1	7/1/2022 12:25:00 AM	68435
Ethylbenzene	ND	0.050		mg/Kg	1	7/1/2022 12:25:00 AM	68435
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2022 12:25:00 AM	68435
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	7/1/2022 12:25:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-20/4
Project: Mobil CI 9
Collection Date: 6/24/2022 11:53:00 AM
Lab ID: 2206E64-056 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/5/2022 3:31:13 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/5/2022 11:57:40 PM	68511
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/5/2022 11:57:40 PM	68511
Surr: DNOP	53.2	51.1-141		%Rec	1	7/5/2022 11:57:40 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2022 1:24:00 AM	68435
Surr: BFB	88.9	37.7-212		%Rec	1	7/1/2022 1:24:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	7/1/2022 1:24:00 AM	68435
Toluene	ND	0.047		mg/Kg	1	7/1/2022 1:24:00 AM	68435
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2022 1:24:00 AM	68435
Xylenes, Total	ND	0.093		mg/Kg	1	7/1/2022 1:24:00 AM	68435
Surr: 4-Bromofluorobenzene	84.8	70-130		%Rec	1	7/1/2022 1:24:00 AM	68435

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-21/3
Project: Mobil CI 9
Collection Date: 6/24/2022 11:57:00 AM
Lab ID: 2206E64-057
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/5/2022 3:43:38 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/6/2022 12:22:13 AM	68511
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/6/2022 12:22:13 AM	68511
Surr: DNOP	54.9	51.1-141		%Rec	1	7/6/2022 12:22:13 AM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2022 1:44:00 AM	68435
Surr: BFB	87.8	37.7-212		%Rec	1	7/1/2022 1:44:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 1:44:00 AM	68435
Toluene	ND	0.049		mg/Kg	1	7/1/2022 1:44:00 AM	68435
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2022 1:44:00 AM	68435
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2022 1:44:00 AM	68435
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	7/1/2022 1:44:00 AM	68435

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-21/4
Project: Mobil CI 9
Collection Date: 6/24/2022 11:59:00 AM
Lab ID: 2206E64-058
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	120	61		mg/Kg	20	7/5/2022 3:56:03 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 12:46:44 AM	68511
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/6/2022 12:46:44 AM	68511
Surr: DNOP	54.5	51.1-141		%Rec	1	7/6/2022 12:46:44 AM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2022 2:03:00 AM	68435
Surr: BFB	86.8	37.7-212		%Rec	1	7/1/2022 2:03:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 2:03:00 AM	68435
Toluene	ND	0.048		mg/Kg	1	7/1/2022 2:03:00 AM	68435
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2022 2:03:00 AM	68435
Xylenes, Total	ND	0.096		mg/Kg	1	7/1/2022 2:03:00 AM	68435
Surr: 4-Bromofluorobenzene	82.9	70-130		%Rec	1	7/1/2022 2:03:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-22/0
Project: Mobil CI 9
Collection Date: 6/24/2022 1:10:00 PM
Lab ID: 2206E64-059 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/5/2022 4:08:27 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 1:11:24 AM	68511
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/6/2022 1:11:24 AM	68511
Surr: DNOP	57.4	51.1-141		%Rec	1	7/6/2022 1:11:24 AM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2022 2:23:00 AM	68435
Surr: BFB	89.5	37.7-212		%Rec	1	7/1/2022 2:23:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	7/1/2022 2:23:00 AM	68435
Toluene	ND	0.047		mg/Kg	1	7/1/2022 2:23:00 AM	68435
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2022 2:23:00 AM	68435
Xylenes, Total	ND	0.093		mg/Kg	1	7/1/2022 2:23:00 AM	68435
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	7/1/2022 2:23:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-22/4
Project: Mobil CI 9
Collection Date: 6/24/2022 1:17:00 PM
Lab ID: 2206E64-060 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/5/2022 4:20:51 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/6/2022 1:36:00 AM	68511
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	7/6/2022 1:36:00 AM	68511
Surr: DNOP	51.2	51.1-141		%Rec	1	7/6/2022 1:36:00 AM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2022 2:42:00 AM	68435
Surr: BFB	91.0	37.7-212		%Rec	1	7/1/2022 2:42:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 2:42:00 AM	68435
Toluene	ND	0.048		mg/Kg	1	7/1/2022 2:42:00 AM	68435
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2022 2:42:00 AM	68435
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2022 2:42:00 AM	68435
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	7/1/2022 2:42:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-23/1
Project: Mobil CI 9
Collection Date: 6/24/2022 1:26:00 PM
Lab ID: 2206E64-061 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	180	60		mg/Kg	20	7/5/2022 4:33:16 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 2:29:23 PM	68511
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/6/2022 2:29:23 PM	68511
Surr: DNOP	89.3	51.1-141		%Rec	1	7/6/2022 2:29:23 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2022 3:02:00 AM	68435
Surr: BFB	89.6	37.7-212		%Rec	1	7/1/2022 3:02:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 3:02:00 AM	68435
Toluene	ND	0.047		mg/Kg	1	7/1/2022 3:02:00 AM	68435
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2022 3:02:00 AM	68435
Xylenes, Total	ND	0.094		mg/Kg	1	7/1/2022 3:02:00 AM	68435
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	7/1/2022 3:02:00 AM	68435

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-23/4
Project: Mobil CI 9
Collection Date: 6/24/2022 1:31:00 PM
Lab ID: 2206E64-062
Matrix: SOIL
Received Date: 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	280	60		mg/Kg	20	7/5/2022 4:45:40 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 2:53:15 PM	68511
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/6/2022 2:53:15 PM	68511
Surr: DNOP	86.3	51.1-141		%Rec	1	7/6/2022 2:53:15 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/1/2022 3:22:00 AM	68435
Surr: BFB	92.0	37.7-212		%Rec	1	7/1/2022 3:22:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	7/1/2022 3:22:00 AM	68435
Toluene	ND	0.050		mg/Kg	1	7/1/2022 3:22:00 AM	68435
Ethylbenzene	ND	0.050		mg/Kg	1	7/1/2022 3:22:00 AM	68435
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2022 3:22:00 AM	68435
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	7/1/2022 3:22:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-24/3
Project: Mobil CI 9
Collection Date: 6/24/2022 1:36:00 PM
Lab ID: 2206E64-063 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	210	60		mg/Kg	20	7/5/2022 8:16:34 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 3:17:14 PM	68511
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/6/2022 3:17:14 PM	68511
Surr: DNOP	88.4	51.1-141		%Rec	1	7/6/2022 3:17:14 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2022 3:42:00 AM	68435
Surr: BFB	90.9	37.7-212		%Rec	1	7/1/2022 3:42:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 3:42:00 AM	68435
Toluene	ND	0.049		mg/Kg	1	7/1/2022 3:42:00 AM	68435
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2022 3:42:00 AM	68435
Xylenes, Total	ND	0.098		mg/Kg	1	7/1/2022 3:42:00 AM	68435
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	7/1/2022 3:42:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-24/4
Project: Mobil CI 9
Collection Date: 6/24/2022 1:37:00 PM
Lab ID: 2206E64-064 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	470	60		mg/Kg	20	7/5/2022 5:22:53 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 3:41:11 PM	68511
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/6/2022 3:41:11 PM	68511
Surr: DNOP	93.0	51.1-141		%Rec	1	7/6/2022 3:41:11 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2022 4:21:00 AM	68435
Surr: BFB	90.1	37.7-212		%Rec	1	7/1/2022 4:21:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/1/2022 4:21:00 AM	68435
Toluene	ND	0.047		mg/Kg	1	7/1/2022 4:21:00 AM	68435
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2022 4:21:00 AM	68435
Xylenes, Total	ND	0.094		mg/Kg	1	7/1/2022 4:21:00 AM	68435
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	7/1/2022 4:21:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-25/3
Project: Mobil CI 9
Collection Date: 6/24/2022 1:43:00 PM
Lab ID: 2206E64-065 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	230	60		mg/Kg	20	7/5/2022 5:35:17 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 4:05:10 PM	68511
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/6/2022 4:05:10 PM	68511
Surr: DNOP	87.1	51.1-141		%Rec	1	7/6/2022 4:05:10 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2022 4:41:00 AM	68435
Surr: BFB	89.1	37.7-212		%Rec	1	7/1/2022 4:41:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	7/1/2022 4:41:00 AM	68435
Toluene	ND	0.047		mg/Kg	1	7/1/2022 4:41:00 AM	68435
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2022 4:41:00 AM	68435
Xylenes, Total	ND	0.094		mg/Kg	1	7/1/2022 4:41:00 AM	68435
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	7/1/2022 4:41:00 AM	68435

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

CLIENT: EOG
Client Sample ID: PTH-25/4
Project: Mobil CI 9
Collection Date: 6/24/2022 1:44:00 PM
Lab ID: 2206E64-066 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	560	60		mg/Kg	20	7/5/2022 5:47:41 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/6/2022 4:29:09 PM	68511
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/6/2022 4:29:09 PM	68511
Surr: DNOP	90.7	51.1-141		%Rec	1	7/6/2022 4:29:09 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2022 5:00:00 AM	68435
Surr: BFB	93.6	37.7-212		%Rec	1	7/1/2022 5:00:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	7/1/2022 5:00:00 AM	68435
Toluene	ND	0.047		mg/Kg	1	7/1/2022 5:00:00 AM	68435
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2022 5:00:00 AM	68435
Xylenes, Total	ND	0.094		mg/Kg	1	7/1/2022 5:00:00 AM	68435
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	7/1/2022 5:00:00 AM	68435

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-26/0
Project: Mobil CI 9
Collection Date: 6/24/2022 1:46:00 PM
Lab ID: 2206E64-067 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/5/2022 6:00:05 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/6/2022 4:53:04 PM	68511
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/6/2022 4:53:04 PM	68511
Surr: DNOP	90.5	51.1-141		%Rec	1	7/6/2022 4:53:04 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/1/2022 5:20:00 AM	68435
Surr: BFB	94.7	37.7-212		%Rec	1	7/1/2022 5:20:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	7/1/2022 5:20:00 AM	68435
Toluene	ND	0.046		mg/Kg	1	7/1/2022 5:20:00 AM	68435
Ethylbenzene	ND	0.046		mg/Kg	1	7/1/2022 5:20:00 AM	68435
Xylenes, Total	ND	0.092		mg/Kg	1	7/1/2022 5:20:00 AM	68435
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	7/1/2022 5:20:00 AM	68435

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

Qualifiers:

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

Analytical Report
Lab Order **2206E64**
Date Reported: **7/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-26/4
Project: Mobil CI 9
Collection Date: 6/24/2022 1:50:00 PM
Lab ID: 2206E64-068 **Matrix:** SOIL **Received Date:** 6/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/5/2022 6:12:29 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/6/2022 5:17:03 PM	68511
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/6/2022 5:17:03 PM	68511
Surr: DNOP	92.5	51.1-141		%Rec	1	7/6/2022 5:17:03 PM	68511
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2022 5:40:00 AM	68435
Surr: BFB	94.2	37.7-212		%Rec	1	7/1/2022 5:40:00 AM	68435
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	7/1/2022 5:40:00 AM	68435
Toluene	ND	0.049		mg/Kg	1	7/1/2022 5:40:00 AM	68435
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2022 5:40:00 AM	68435
Xylenes, Total	ND	0.098		mg/Kg	1	7/1/2022 5:40:00 AM	68435
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	7/1/2022 5:40:00 AM	68435

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID: **MB-68470**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **68470**	RunNo: **89170**							
Prep Date: **6/30/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169261**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-68470**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **68470**	RunNo: **89170**							
Prep Date: **6/30/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169262**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: **MB-68475**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **68475**	RunNo: **89170**							
Prep Date: **6/30/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169291**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-68475**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **68475**	RunNo: **89170**							
Prep Date: **6/30/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169292**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.5	90	110			

Sample ID: **MB-68503**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **68503**	RunNo: **89225**							
Prep Date: **7/1/2022**	Analysis Date: **7/1/2022**	SeqNo: **3171931**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-68503**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **68503**	RunNo: **89225**							
Prep Date: **7/1/2022**	Analysis Date: **7/1/2022**	SeqNo: **3171932**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID:	**MB-68537**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**68537**	RunNo:	**89243**					
Prep Date:	**7/5/2022**	Analysis Date:	**7/5/2022**	SeqNo:	**3172457**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID:	**LCS-68537**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**68537**	RunNo:	**89243**					
Prep Date:	**7/5/2022**	Analysis Date:	**7/5/2022**	SeqNo:	**3172458**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.8	90	110			

Sample ID:	**MB-68541**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**68541**	RunNo:	**89250**					
Prep Date:	**7/5/2022**	Analysis Date:	**7/5/2022**	SeqNo:	**3173124**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID:	**LCS-68541**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**68541**	RunNo:	**89250**					
Prep Date:	**7/5/2022**	Analysis Date:	**7/5/2022**	SeqNo:	**3173125**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.9	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID: **MB-68456**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68456**	RunNo: **89166**
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169231** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.6	51.1	141			

Sample ID: **LCS-68456**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68456**	RunNo: **89166**
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169234** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	15	50.00	0	82.2	64.4	127			
Surr: DNOP	4.7		5.000		94.7	51.1	141			

Sample ID: **MB-68457**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68457**	RunNo: **89114**
Prep Date: **6/29/2022**	Analysis Date: **7/1/2022**	SeqNo: **3171691** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		99.6	51.1	141			

Sample ID: **LCS-68457**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68457**	RunNo: **89114**
Prep Date: **6/29/2022**	Analysis Date: **7/1/2022**	SeqNo: **3171692** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	15	50.00	0	98.8	64.4	127			
Surr: DNOP	5.2		5.000		104	51.1	141			

Sample ID: **LCS-68510**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68510**	RunNo: **89240**
Prep Date: **7/1/2022**	Analysis Date: **7/5/2022**	SeqNo: **3172708** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	37	15	50.00	0	73.5	64.4	127			
Surr: DNOP	4.0		5.000		81.0	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID: **LCS-68511**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68511**	RunNo: **89240**
Prep Date: **7/1/2022**	Analysis Date: **7/5/2022**	SeqNo: **3172709** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	15	50.00	0	85.6	64.4	127			
Surr: DNOP	4.6		5.000		92.4	51.1	141			

Sample ID: **MB-68510**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68510**	RunNo: **89240**
Prep Date: **7/1/2022**	Analysis Date: **7/5/2022**	SeqNo: **3172710** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		90.1	51.1	141			

Sample ID: **MB-68511**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68511**	RunNo: **89240**
Prep Date: **7/1/2022**	Analysis Date: **7/5/2022**	SeqNo: **3172711** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		87.3	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID: **mb-68422**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **68422**	RunNo: **89130**							
Prep Date: **6/28/2022**	Analysis Date: **6/30/2022**	SeqNo: **3167029**	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	37.7	212			

Sample ID: **lcs-68422**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **68422**	RunNo: **89130**							
Prep Date: **6/28/2022**	Analysis Date: **6/29/2022**	SeqNo: **3167030**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	111	72.3	137			
Surr: BFB	2200		1000		221	37.7	212			S

Sample ID: **mb-68434**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **68434**	RunNo: **89163**							
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3168964**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	37.7	212			

Sample ID: **lcs-68434**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **68434**	RunNo: **89163**							
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3168965**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	72.3	137			
Surr: BFB	2200		1000		215	37.7	212			S

Sample ID: **lcs-68425**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **68425**	RunNo: **89164**							
Prep Date: **6/28/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169057**	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	95.5	72.3	137			
Surr: BFB	1900		1000		195	37.7	212			

Sample ID: **mb-68425**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **68425**	RunNo: **89164**							
Prep Date: **6/28/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169058**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID: **mb-68425**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **68425**	RunNo: **89164**							
Prep Date: **6/28/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169058**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		89.8	37.7	212			

Sample ID: **lcs-68435**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **68435**	RunNo: **89164**							
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169081**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.3	72.3	137			
Surr: BFB	1900		1000		191	37.7	212			

Sample ID: **mb-68435**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **68435**	RunNo: **89164**							
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169083**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		90.7	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID: **mb-68422**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **68422**	RunNo: **89130**
Prep Date: **6/28/2022**	Analysis Date: **6/30/2022**	SeqNo: **3167077** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		94.8	70	130			

Sample ID: **LCS-68422**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **68422**	RunNo: **89130**
Prep Date: **6/28/2022**	Analysis Date: **6/29/2022**	SeqNo: **3167078** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.8	80	120			
Toluene	0.97	0.050	1.000	0	96.8	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.1	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		97.5	70	130			

Sample ID: **mb-68434**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **68434**	RunNo: **89163**
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169011** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.96		1.000		95.7	70	130			

Sample ID: **LCS-68434**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **68434**	RunNo: **89163**
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169012** 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	89.8	80	120			
Toluene	0.95	0.050	1.000	0	95.2	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.9	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		97.9	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG

Project: Mobil CI 9

Sample ID: **lcs-68425**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **68425**	RunNo: **89164**
Prep Date: **6/28/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169101** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.0	80	120			
Toluene	0.89	0.050	1.000	0	89.2	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.4	80	120			
Xylenes, Total	2.6	0.10	3.000	0	88.3	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.0	70	130			

Sample ID: **mb-68425**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **68425**	RunNo: **89164**
Prep Date: **6/28/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169102** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.0	70	130			

Sample ID: **lcs-68435**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **68435**	RunNo: **89164**
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169125** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.6	80	120			
Toluene	0.90	0.050	1.000	0	89.8	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.4	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		83.0	70	130			

Sample ID: **mb-68435**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **68435**	RunNo: **89164**
Prep Date: **6/29/2022**	Analysis Date: **6/30/2022**	SeqNo: **3169126** 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	0.85		1.000		84.9	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2206E64 | RcptNo: 1

Received By: Desiree Dominguez 6/28/2022 8:00:00 AM DD

Completed By: Sean Livingston 6/28/2022 8:27:15 AM Sean Livingston

Reviewed By: KPG 6 28 22

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: JM 6/28/22

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: Sample oil possible water infiltration. JM 6/28/22

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.6	Good				

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other
■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☒ **Rush** 5 day TAT

Project Name:
Mobil CT #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy & J. Martinez
On Ice: ☒ Yes ☐ No
# of Coolers: 1
Cooler Temp (including CF): 5.7-0.1=5.6°c

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2206E64	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
6/23/22	0835	Soil	TH-1/01	1x4oz Jar	ICE	001	X	X	X
	0841		TH-1/4			002			
	0853		TH-2/3			003			
	0910		TH-2/6			004			
	0920		TH-3/0			005			
	0924		TH-3/2			006			
	0942		TH-4/0			007			
	0946		TH-4/2			008			
	0935		TH-5/0			009			
	0959		TH-5/2			010			
	1009		TH-6/0			011			
↓	1013	↓	TH-6/2	↓	↓	012	↓	↓	↓

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/27/22	1515	W. Kennedy	[signature]		6/27/22	1515
6/27/22	1900	[signature]	[signature]	Courier	6/28/22	8:00

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 repo

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other
■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☒ **Rush** 5-day TAT

Project Name: Mobil CJ #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy & J. Martinez

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 5.7 - 0.1 = 5.6°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	~~Matrix~~ Time	Time Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
6/23/22	Soil	1034	TH-7/2	1x 4oz Jar	ICE	013	X	X	X
		1037	TH-7/4			014			
		1102	PTH-1/2			015			
		1109	PTH-1/4			016			
		1156	PTH-1/10			017			
		1402	PTH-1/16			018			
		1430	PTH-2/3			019			
		1432	PTH-2/4			020			
		1458	PTH-3/3			021			
		1500	PTH-3/4			022			
		1523	PTH-4/1			023			
		1529	PTH-4/4			024			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/27/22	1515	W. Kennedy			6/27/22	1515
6/27/22	1900			Courier	6/28/22	8:00

Remarks: Bill to EOG Artesia

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Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other
■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☑ **Rush** 5 day TAT

Project Name: Mobil CI #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy & J. Martinez

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 5.7 - 0.1 = 5.6°c

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
6/23/22	1539	Soil	PTH-5/1	1x 4oz. Jar	ICE	025	X	X	X
	1545		PTH-5/4			026			
	1617		PTH-6/1			027			
	1623		PTH-6/4			028			
	1636		PTH-7/3			029			
	1637		PTH-7/4			030			
6/24	0845		PTH-8/0			031			
	0900		PTH-8/4			032			
	0930		PTH-9/0			033			
	0934		PTH-9/4			034			
	0947		PTH-10/3			035			
	0950		PTH-10/4			036			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
6/27/22	1545	W. Kennedy			6/27/22	1515
6/27/22	1900			Courier	6/28/22	8:00

Remarks: Bill to EOG Artesia

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Chain-of-Custody Record

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other
■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☒ **Rush** 5-day TAT

Project Name: Mosi CI #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy & J. Martinez

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 5.7 - 0.1 = 5.6°C

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
6/24/22	0952	Soil	PTH-11/0	1x 4oz. Jar	ICE	037	X	X	X
	0958		PTH-11/4			038			
	1006		PTH-12/3			039			
	1009		PTH-12/4			040			
	1025		PTH-13/3			041			
	1026		PTH-13/4			042			
	1043		PTH-14/3			043			
	1046		PTH-14/4			044			
	1059		PTH-15/3			045			
	1100		PTH-15/4			046			
	1113		PTH-16/3			047			
↓	1119	↓	PTH-16/4	↓	↓	048	↓	↓	↓

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/27/22	1515	W. Kennedy			6/27/22	1515
6/27/22	1900			Courier	6/28/22	8:20

Remarks: Bill to EOG Artesia

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Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other
■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☒ **Rush** 5 day TAT

Project Name: Mos:1 Cr #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy & J. Martinez

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 5.7-0.1=5.6°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
6/24/22	1123	Soil	PTH-17/3	1x 4oz Jar	ICE	049	X	X	X
	1124		PTH-17/4			050			
	1128		PTH-18/3			051			
	1129		PTH-18/4			052			
	1141		PTH-19/3			053			
	1143		PTH-19/4			054			
	1152		PTH-20/3			055			
	1153		PTH-20/4			056			
	1157		PTH-21/3			057			
	1159		PTH-21/4			058			
	1310		PTH-22/0			059			
↓	1317	↓	PTH-22/4	↓	↓	060	↓	↓	↓

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/27/22	1515	W. Kennedy	[signature]		6/27/22	1515
6/27/22	1900	[signature]	[signature]	Courier	6/28/22	8:00

Remarks: Bill to EOG Artesia

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

■ **NELAC** ☐ Other_____

■ **EDD** (Type) Excel

Turn-Around Time:

☐ Standard ☒ **Rush** 5 day TAT

Project Name: Mobil Q #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy & J. Martinez

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 5.7 -0.1 = 5.6°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
6/24/22	1320	Soil	23/1	1x 4oz Jar	ICE	061	X	X	X
	1331		23/4			062			
	1336		24/3			063			
	1337		24/4			064			
	1342		25/3			065			
	1344		25/4			066			
	1346		26/0			067			
	1350		26/4			068			

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/27/22	1515				6/27/22	1515
6/27/22	1900			Courier	6/28/22	8:00

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 repo

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

July 29, 2022

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

RE: MOBIL CI 9 OrderNo.: 2207812

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 13 sample(s) on 7/16/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

CLIENT: EOG
Client Sample ID: PTH-13A/5'
Project: MOBIL CI 9
Collection Date: 7/14/2022 7:38:00 AM
Lab ID: 2207812-001 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	290	59		mg/Kg	20	7/21/2022 12:53:45 PM	68933
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JR**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2022 1:05:52 PM	68867
Surr: BFB	114	70-130		%Rec	1	7/19/2022 1:05:52 PM	68867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/21/2022 12:59:42 AM	68893
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/21/2022 12:59:42 AM	68893
Surr: DNOP	51.3	51.1-141		%Rec	1	7/21/2022 12:59:42 AM	68893
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	0.025		mg/Kg	1	7/19/2022 1:05:52 PM	68867
Toluene	ND	0.049		mg/Kg	1	7/19/2022 1:05:52 PM	68867
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2022 1:05:52 PM	68867
Xylenes, Total	ND	0.098		mg/Kg	1	7/19/2022 1:05:52 PM	68867
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	7/19/2022 1:05:52 PM	68867
Surr: Dibromofluoromethane	121	70-130		%Rec	1	7/19/2022 1:05:52 PM	68867
Surr: Toluene-d8	101	70-130		%Rec	1	7/19/2022 1:05:52 PM	68867

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-13A/6'
Project: MOBIL CI 9
Collection Date: 7/14/2022 7:40:00 AM
Lab ID: 2207812-002 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	620	60		mg/Kg	20	7/21/2022 1:30:58 PM	68933
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JR**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2022 2:32:32 PM	68867
Surr: BFB	117	70-130		%Rec	1	7/19/2022 2:32:32 PM	68867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/21/2022 11:43:35 PM	68893
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/21/2022 11:43:35 PM	68893
Surr: DNOP	86.1	51.1-141		%Rec	1	7/21/2022 11:43:35 PM	68893
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	0.024		mg/Kg	1	7/19/2022 2:32:32 PM	68867
Toluene	ND	0.047		mg/Kg	1	7/19/2022 2:32:32 PM	68867
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2022 2:32:32 PM	68867
Xylenes, Total	ND	0.095		mg/Kg	1	7/19/2022 2:32:32 PM	68867
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/19/2022 2:32:32 PM	68867
Surr: Dibromofluoromethane	118	70-130		%Rec	1	7/19/2022 2:32:32 PM	68867
Surr: Toluene-d8	99.1	70-130		%Rec	1	7/19/2022 2:32:32 PM	68867

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-27/1'
Project: MOBIL CI 9
Collection Date: 7/14/2022 7:51:00 AM
Lab ID: 2207812-003 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	7/21/2022 1:43:22 PM	68933
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/21/2022 6:27:17 AM	68883
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/21/2022 6:27:17 AM	68883
Surr: DNOP	55.7	51.1-141		%Rec	1	7/21/2022 6:27:17 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2022 9:11:00 AM	68870
Surr: BFB	94.2	37.7-212		%Rec	1	7/20/2022 9:11:00 AM	68870
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	7/20/2022 9:11:00 AM	68870
Toluene	ND	0.048		mg/Kg	1	7/20/2022 9:11:00 AM	68870
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2022 9:11:00 AM	68870
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2022 9:11:00 AM	68870
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	7/20/2022 9:11:00 AM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-27/4'
Project: MOBIL CI 9
Collection Date: 7/14/2022 8:03:00 AM
Lab ID: 2207812-004 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/21/2022 1:55:47 PM	68933
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/22/2022 2:54:20 AM	68883
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/22/2022 2:54:20 AM	68883
Surr: DNOP	80.0	51.1-141		%Rec	1	7/22/2022 2:54:20 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2022 10:10:00 AM	68870
Surr: BFB	95.0	37.7-212		%Rec	1	7/20/2022 10:10:00 AM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/20/2022 10:10:00 AM	68870
Toluene	ND	0.049		mg/Kg	1	7/20/2022 10:10:00 AM	68870
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2022 10:10:00 AM	68870
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2022 10:10:00 AM	68870
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	7/20/2022 10:10:00 AM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-28/1'
Project: MOBIL CI 9
Collection Date: 7/14/2022 8:14:00 AM
Lab ID: 2207812-005 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	7/21/2022 2:08:11 PM	68933
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/21/2022 6:53:51 AM	68883
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/21/2022 6:53:51 AM	68883
Surr: DNOP	53.2	51.1-141		%Rec	1	7/21/2022 6:53:51 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2022 11:09:00 AM	68870
Surr: BFB	91.1	37.7-212		%Rec	1	7/20/2022 11:09:00 AM	68870
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.025		mg/Kg	1	7/20/2022 11:09:00 AM	68870
Toluene	ND	0.049		mg/Kg	1	7/20/2022 11:09:00 AM	68870
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2022 11:09:00 AM	68870
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2022 11:09:00 AM	68870
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	7/20/2022 11:09:00 AM	68870

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

CLIENT: EOG
Client Sample ID: PTH-28/4'
Project: MOBIL CI 9
Collection Date: 7/14/2022 8:19:00 AM
Lab ID: 2207812-006 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	7/21/2022 2:20:35 PM	68933
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/22/2022 2:30:36 AM	68883
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2022 2:30:36 AM	68883
Surr: DNOP	85.4	51.1-141		%Rec	1	7/22/2022 2:30:36 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/20/2022 11:29:00 AM	68870
Surr: BFB	95.2	37.7-212		%Rec	1	7/20/2022 11:29:00 AM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/20/2022 11:29:00 AM	68870
Toluene	ND	0.047		mg/Kg	1	7/20/2022 11:29:00 AM	68870
Ethylbenzene	ND	0.047		mg/Kg	1	7/20/2022 11:29:00 AM	68870
Xylenes, Total	ND	0.094		mg/Kg	1	7/20/2022 11:29:00 AM	68870
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	7/20/2022 11:29:00 AM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-29/1'
Project: MOBIL CI 9
Collection Date: 7/14/2022 8:34:00 AM
Lab ID: 2207812-007 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/21/2022 2:00:23 PM	68948
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/21/2022 1:47:36 PM	68883
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/21/2022 1:47:36 PM	68883
Surr: DNOP	84.3	51.1-141		%Rec	1	7/21/2022 1:47:36 PM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2022 11:49:00 AM	68870
Surr: BFB	95.9	37.7-212		%Rec	1	7/20/2022 11:49:00 AM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	7/20/2022 11:49:00 AM	68870
Toluene	ND	0.049		mg/Kg	1	7/20/2022 11:49:00 AM	68870
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2022 11:49:00 AM	68870
Xylenes, Total	ND	0.099		mg/Kg	1	7/20/2022 11:49:00 AM	68870
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	7/20/2022 11:49:00 AM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-29/4'
Project: MOBIL CI 9
Collection Date: 7/14/2022 8:39:00 AM
Lab ID: 2207812-008 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/21/2022 2:37:24 PM	68948
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/22/2022 3:18:05 AM	68883
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2022 3:18:05 AM	68883
Surr: DNOP	95.7	51.1-141		%Rec	1	7/22/2022 3:18:05 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2022 12:09:00 PM	68870
Surr: BFB	98.1	37.7-212		%Rec	1	7/20/2022 12:09:00 PM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	7/20/2022 12:09:00 PM	68870
Toluene	ND	0.050		mg/Kg	1	7/20/2022 12:09:00 PM	68870
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2022 12:09:00 PM	68870
Xylenes, Total	ND	0.099		mg/Kg	1	7/20/2022 12:09:00 PM	68870
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	7/20/2022 12:09:00 PM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-30/1'
Project: MOBIL CI 9
Collection Date: 7/14/2022 8:50:00 AM
Lab ID: 2207812-009 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/21/2022 3:14:26 PM	68948
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	83	15		mg/Kg	1	7/21/2022 3:22:48 PM	68883
Motor Oil Range Organics (MRO)	160	49		mg/Kg	1	7/21/2022 3:22:48 PM	68883
Surr: DNOP	84.0	51.1-141		%Rec	1	7/21/2022 3:22:48 PM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2022 12:29:00 PM	68870
Surr: BFB	95.5	37.7-212		%Rec	1	7/20/2022 12:29:00 PM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/20/2022 12:29:00 PM	68870
Toluene	ND	0.049		mg/Kg	1	7/20/2022 12:29:00 PM	68870
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2022 12:29:00 PM	68870
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2022 12:29:00 PM	68870
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	7/20/2022 12:29:00 PM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-30/4'
Project: MOBIL CI 9
Collection Date: 7/14/2022 8:59:00 AM
Lab ID: 2207812-010 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	59		mg/Kg	20	7/21/2022 3:26:46 PM	68948
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/22/2022 3:41:47 AM	68883
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/22/2022 3:41:47 AM	68883
Surr: DNOP	88.2	51.1-141		%Rec	1	7/22/2022 3:41:47 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2022 12:48:00 PM	68870
Surr: BFB	97.4	37.7-212		%Rec	1	7/20/2022 12:48:00 PM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/20/2022 12:48:00 PM	68870
Toluene	ND	0.048		mg/Kg	1	7/20/2022 12:48:00 PM	68870
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2022 12:48:00 PM	68870
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2022 12:48:00 PM	68870
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	7/20/2022 12:48:00 PM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-2A/1'
Project: MOBIL CI 9
Collection Date: 7/14/2022 9:27:00 AM
Lab ID: 2207812-011 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	160	60		mg/Kg	20	7/21/2022 3:39:08 PM	68948
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/22/2022 4:29:10 AM	68883
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2022 4:29:10 AM	68883
Surr: DNOP	79.5	51.1-141		%Rec	1	7/22/2022 4:29:10 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2022 1:08:00 PM	68870
Surr: BFB	102	37.7-212		%Rec	1	7/20/2022 1:08:00 PM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/20/2022 1:08:00 PM	68870
Toluene	ND	0.049		mg/Kg	1	7/20/2022 1:08:00 PM	68870
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2022 1:08:00 PM	68870
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2022 1:08:00 PM	68870
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	7/20/2022 1:08:00 PM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-2A/3'
Project: MOBIL CI 9
Collection Date: 7/14/2022 9:32:00 AM
Lab ID: 2207812-012 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	340	60		mg/Kg	20	7/21/2022 3:51:29 PM	68948
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/22/2022 4:52:48 AM	68883
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2022 4:52:48 AM	68883
Surr: DNOP	85.7	51.1-141		%Rec	1	7/22/2022 4:52:48 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2022 1:28:00 PM	68870
Surr: BFB	92.5	37.7-212		%Rec	1	7/20/2022 1:28:00 PM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	7/20/2022 1:28:00 PM	68870
Toluene	ND	0.049		mg/Kg	1	7/20/2022 1:28:00 PM	68870
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2022 1:28:00 PM	68870
Xylenes, Total	ND	0.099		mg/Kg	1	7/20/2022 1:28:00 PM	68870
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	7/20/2022 1:28:00 PM	68870

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

Qualifiers:

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

Analytical Report
Lab Order **2207812**
Date Reported: **7/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: TH-2A/4'
Project: MOBIL CI 9
Collection Date: 7/14/2022 9:35:00 AM
Lab ID: 2207812-013 **Matrix:** SOIL **Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	600	60		mg/Kg	20	7/21/2022 4:03:50 PM	68948
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/22/2022 5:16:26 AM	68883
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/22/2022 5:16:26 AM	68883
Surr: DNOP	97.6	51.1-141		%Rec	1	7/22/2022 5:16:26 AM	68883
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2022 2:08:00 PM	68870
Surr: BFB	93.3	37.7-212		%Rec	1	7/20/2022 2:08:00 PM	68870
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	7/20/2022 2:08:00 PM	68870
Toluene	ND	0.049		mg/Kg	1	7/20/2022 2:08:00 PM	68870
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2022 2:08:00 PM	68870
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2022 2:08:00 PM	68870
Surr: 4-Bromofluorobenzene	90.9	70-130		%Rec	1	7/20/2022 2:08:00 PM	68870

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207812**

29-Jul-22

Client: EOG

Project: MOBIL CI 9

Sample ID: **MB-68933** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **68933** RunNo: **89636**
Prep Date: **7/20/2022** Analysis Date: **7/20/2022** SeqNo: **3192299** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-68933** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **68933** RunNo: **89636**
Prep Date: **7/20/2022** Analysis Date: **7/20/2022** SeqNo: **3192300** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Sample ID: **MB-68948** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **68948** RunNo: **89679**
Prep Date: **7/21/2022** Analysis Date: **7/21/2022** SeqNo: **3194020** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-68948** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **68948** RunNo: **89679**
Prep Date: **7/21/2022** Analysis Date: **7/21/2022** SeqNo: **3194021** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.5	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207812**

29-Jul-22

Client: EOG

Project: MOBIL CI 9

Sample ID: **MB-68893** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **68893** RunNo: **89638**

Prep Date: **7/19/2022** Analysis Date: **7/20/2022** SeqNo: **3192465** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	5.5		10.00		55.3	51.1	141			

Sample ID: **LCS-68893** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **68893** RunNo: **89671**

Prep Date: **7/19/2022** Analysis Date: **7/21/2022** SeqNo: **3194278** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	15	50.00	0	92.1	64.4	127			
Surr: DNOP	4.6		5.000		92.2	51.1	141			

Sample ID: **MB-68883** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **68883** RunNo: **89671**

Prep Date: **7/19/2022** Analysis Date: **7/22/2022** SeqNo: **3194282** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.8		10.00		88.2	51.1	141			

Sample ID: **LCS-68883** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **68883** RunNo: **89671**

Prep Date: **7/19/2022** Analysis Date: **7/22/2022** SeqNo: **3194283** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	15	50.00	0	92.3	64.4	127			
Surr: DNOP	4.8		5.000		95.5	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2207812**
29-Jul-22

Client: EOG
Project: MOBIL CI 9

Sample ID: **lcs-68870** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **68870** RunNo: **89653**
Prep Date: **7/18/2022** Analysis Date: **7/20/2022** SeqNo: **3191778** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB	2100		1000		206	37.7	212			

Sample ID: **mb-68870** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **68870** RunNo: **89653**
Prep Date: **7/18/2022** Analysis Date: **7/20/2022** SeqNo: **3191779** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		90.8	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207812**

29-Jul-22

Client: EOG

Project: MOBIL CI 9

Sample ID: **lcs-68870**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **68870**	RunNo: **89653**
Prep Date: **7/18/2022**	Analysis Date: **7/20/2022**	SeqNo: **3191824** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.4	80	120			
Toluene	0.89	0.050	1.000	0	89.1	80	120			
Ethylbenzene	0.88	0.050	1.000	0	87.8	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.8	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		96.5	70	130			

Sample ID: **mb-68870**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **68870**	RunNo: **89653**
Prep Date: **7/18/2022**	Analysis Date: **7/20/2022**	SeqNo: **3191825** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130			

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2207812**
29-Jul-22

Client: EOG
Project: MOBIL CI 9

Sample ID: **2207812-002ams** SampType: **MS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PTH-13A/6'** Batch ID: **68867** RunNo: **89621**
Prep Date: **7/18/2022** Analysis Date: **7/19/2022** SeqNo: **3190604** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	0.9872	0	94.1	75.8	123			
Toluene	0.92	0.049	0.9872	0	93.6	68.3	130			
Ethylbenzene	0.91	0.049	0.9872	0	92.2	76.6	132			
Xylenes, Total	2.9	0.099	2.962	0	97.8	74.7	132			
Surr: 1,2-Dichloroethane-d4	0.52		0.4936		106	70	130			
Surr: 4-Bromofluorobenzene	0.52		0.4936		106	70	130			
Surr: Dibromofluoromethane	0.59		0.4936		120	70	130			
Surr: Toluene-d8	0.49		0.4936		98.3	70	130			

Sample ID: **2207812-002amsd** SampType: **MSD4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PTH-13A/6'** Batch ID: **68867** RunNo: **89621**
Prep Date: **7/18/2022** Analysis Date: **7/19/2022** SeqNo: **3190605** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	0.9833	0	89.8	75.8	123	4.99	20	
Toluene	0.87	0.049	0.9833	0	88.6	68.3	130	5.84	20	
Ethylbenzene	0.86	0.049	0.9833	0	87.0	76.6	132	6.28	20	
Xylenes, Total	2.8	0.098	2.950	0	93.5	74.7	132	4.95	20	
Surr: 1,2-Dichloroethane-d4	0.53		0.4916		107	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.52		0.4916		106	70	130	0	0	
Surr: Dibromofluoromethane	0.60		0.4916		122	70	130	0	0	
Surr: Toluene-d8	0.48		0.4916		96.9	70	130	0	0	

Sample ID: **lcs-68867** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **68867** RunNo: **89621**
Prep Date: **7/18/2022** Analysis Date: **7/19/2022** SeqNo: **3190606** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.5	80	120			
Toluene	0.93	0.050	1.000	0	92.9	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.0	80	120			
Surr: 1,2-Dichloroethane-d4	0.56		0.5000		112	70	130			
Surr: 4-Bromofluorobenzene	0.52		0.5000		105	70	130			
Surr: Dibromofluoromethane	0.59		0.5000		117	70	130			
Surr: Toluene-d8	0.52		0.5000		103	70	130			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2207812**
29-Jul-22

Client: EOG
Project: MOBIL CI 9

Sample ID: **mb-68867** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **68867** RunNo: **89621**
Prep Date: **7/18/2022** Analysis Date: **7/19/2022** SeqNo: **3190607** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.53		0.5000		106	70	130			
Surr: 4-Bromofluorobenzene	0.53		0.5000		106	70	130			
Surr: Dibromofluoromethane	0.59		0.5000		119	70	130			
Surr: Toluene-d8	0.51		0.5000		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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207812**

29-Jul-22

Client: EOG

Project: MOBIL CI 9

Sample ID: **lcs-68867** SampType: **LCS** TestCode: **EPA Method 8015D Mod: Gasoline Range**

Client ID: **LCSS** Batch ID: **68867** RunNo: **89621**

Prep Date: **7/18/2022** Analysis Date: **7/19/2022** SeqNo: **3190632** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.5	70	130			
Surr: BFB	550		500.0		110	70	130			

Sample ID: **mb-68867** SampType: **MBLK** TestCode: **EPA Method 8015D Mod: Gasoline Range**

Client ID: **PBS** Batch ID: **68867** RunNo: **89621**

Prep Date: **7/18/2022** Analysis Date: **7/19/2022** SeqNo: **3190633** 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	570		500.0		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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2207812 | RcptNo: 1

Received By: Isaiah Ortiz 7/16/2022 10:15:00 AM I_OK

Completed By: Isaiah Ortiz 7/16/2022 11:07:47 AM I_OK

Reviewed By: 07/16/2022

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 ☑	TO
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: 7/16/22 (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by:

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.0	Good	Not Present			

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other
■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☒ **Rush** EOG-5 DAY TAT

Project Name: MOBIL CI #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. KIERDORF
On Ice: ☒ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 2.0 ±0

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2207812	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
7/14/22	0738	SOIL	PTH-13A/5'	1 x 4oz JAR	ICE	001	X	X	X
	0740		PTH-13A/6'			002			
	0751		PTH-27/1'			003			
	0803		PTH-27/4'			004			
	0814		PTH-28/1'			005			
	0819		PTH-28/4'			006			
	0834		PTH-29/1'			007			
	0839		PTH-29/4'			008			
	0850		PTH-30/1'			009			
	0859		PTH-30/4'			010			
	0927		TH-2A/1'			011			
↓	0938	↓	TH-2A/3'	↓	↓	012	↓	↓	↓

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
7/14/22	1805		J. Martinez	HAND DEL	7/14/22	1805
7/15/22	1100		accuring		7/15/22	1100

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 repo

7/15/22 1900 accuring

In-On courier 7/16/22 1015

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** EOG-5DAYTAT

Project Name: MOBEL CF #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. KIERDORF
On Ice: ☒ Yes ☐ No
# of Coolers: 1
Cooler Temp (including CF): 2.0 ±0

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2207817	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
7/14/22	0935	Soil	TH-2A/4'	1 x 4oz JAR	ICE	013	X	X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
7/14/22	1805		J. Martinez		7/14/22	1805
7/15/22	1100				7/15/22	1100

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 repo

7/15/22 1900

In Our courier 7/16/22 1015

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

September 08, 2022

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

RE: Mobil CI 9 OrderNo.: 2208H06

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 6 sample(s) on 8/27/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2208H06**
Date Reported: **9/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-33/1
Project: Mobil CI 9
Collection Date: 8/26/2022 9:08:00 AM
Lab ID: 2208H06-001 **Matrix:** SOIL **Received Date:** 8/27/2022 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	9/2/2022 7:30:11 PM	69955
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**DGH**
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/1/2022 6:52:13 PM	69863
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/1/2022 6:52:13 PM	69863
Surr: DNOP	116	21-129		%Rec	1	9/1/2022 6:52:13 PM	69863
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2022 2:14:23 AM	69829
Surr: BFB	96.2	37.7-212		%Rec	1	9/1/2022 2:14:23 AM	69829
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	9/1/2022 2:14:23 AM	69829
Toluene	ND	0.049		mg/Kg	1	9/1/2022 2:14:23 AM	69829
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2022 2:14:23 AM	69829
Xylenes, Total	ND	0.099		mg/Kg	1	9/1/2022 2:14:23 AM	69829
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	9/1/2022 2:14:23 AM	69829

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

Qualifiers:

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

Analytical Report
Lab Order **2208H06**
Date Reported: **9/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-33/4
Project: Mobil CI 9
Collection Date: 8/26/2022 9:14:00 AM
Lab ID: 2208H06-002 **Matrix:** SOIL **Received Date:** 8/27/2022 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	59		mg/Kg	20	9/2/2022 8:07:13 PM	69955
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**DGH**
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/1/2022 7:03:05 PM	69863
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/1/2022 7:03:05 PM	69863
Surr: DNOP	92.8	21-129		%Rec	1	9/1/2022 7:03:05 PM	69863
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/1/2022 2:37:51 AM	69829
Surr: BFB	96.9	37.7-212		%Rec	1	9/1/2022 2:37:51 AM	69829
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.023		mg/Kg	1	9/1/2022 2:37:51 AM	69829
Toluene	ND	0.047		mg/Kg	1	9/1/2022 2:37:51 AM	69829
Ethylbenzene	ND	0.047		mg/Kg	1	9/1/2022 2:37:51 AM	69829
Xylenes, Total	ND	0.094		mg/Kg	1	9/1/2022 2:37:51 AM	69829
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	9/1/2022 2:37:51 AM	69829

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

Qualifiers:

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

Analytical Report
Lab Order **2208H06**
Date Reported: **9/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-31/1
Project: Mobil CI 9
Collection Date: 8/26/2022 9:22:00 AM
Lab ID: 2208H06-003 **Matrix:** SOIL **Received Date:** 8/27/2022 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	9/2/2022 8:44:15 PM	69955
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**DGH**
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/1/2022 7:13:58 PM	69863
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/1/2022 7:13:58 PM	69863
Surr: DNOP	97.1	21-129		%Rec	1	9/1/2022 7:13:58 PM	69863
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2022 3:01:23 AM	69829
Surr: BFB	95.1	37.7-212		%Rec	1	9/1/2022 3:01:23 AM	69829
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	9/1/2022 3:01:23 AM	69829
Toluene	ND	0.049		mg/Kg	1	9/1/2022 3:01:23 AM	69829
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2022 3:01:23 AM	69829
Xylenes, Total	ND	0.097		mg/Kg	1	9/1/2022 3:01:23 AM	69829
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	9/1/2022 3:01:23 AM	69829

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

Qualifiers:

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

Analytical Report
Lab Order **2208H06**
Date Reported: **9/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-31/4
Project: Mobil CI 9
Collection Date: 8/26/2022 9:28:00 AM
Lab ID: 2208H06-004
Matrix: SOIL
Received Date: 8/27/2022 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	9/2/2022 8:56:35 PM	69955
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**DGH**
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/1/2022 7:24:45 PM	69863
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/1/2022 7:24:45 PM	69863
Surr: DNOP	90.7	21-129		%Rec	1	9/1/2022 7:24:45 PM	69863
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2022 3:24:57 AM	69829
Surr: BFB	95.8	37.7-212		%Rec	1	9/1/2022 3:24:57 AM	69829
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	9/1/2022 3:24:57 AM	69829
Toluene	ND	0.049		mg/Kg	1	9/1/2022 3:24:57 AM	69829
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2022 3:24:57 AM	69829
Xylenes, Total	ND	0.097		mg/Kg	1	9/1/2022 3:24:57 AM	69829
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	9/1/2022 3:24:57 AM	69829

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

Qualifiers:

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

Analytical Report
Lab Order **2208H06**
Date Reported: **9/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-32/1
Project: Mobil CI 9
Collection Date: 8/26/2022 9:34:00 AM
Lab ID: 2208H06-005
Matrix: SOIL
Received Date: 8/27/2022 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	9/2/2022 9:08:56 PM	69955
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**DGH**
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/6/2022 11:53:49 AM	69929
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/6/2022 11:53:49 AM	69929
Surr: DNOP	82.3	21-129		%Rec	1	9/6/2022 11:53:49 AM	69929
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/1/2022 3:48:22 AM	69829
Surr: BFB	95.2	37.7-212		%Rec	1	9/1/2022 3:48:22 AM	69829
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	9/1/2022 3:48:22 AM	69829
Toluene	ND	0.049		mg/Kg	1	9/1/2022 3:48:22 AM	69829
Ethylbenzene	ND	0.049		mg/Kg	1	9/1/2022 3:48:22 AM	69829
Xylenes, Total	ND	0.099		mg/Kg	1	9/1/2022 3:48:22 AM	69829
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	9/1/2022 3:48:22 AM	69829

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

Qualifiers:

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

Analytical Report
Lab Order **2208H06**
Date Reported: **9/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PTH-32/4
Project: Mobil CI 9
Collection Date: 8/26/2022 9:40:00 AM
Lab ID: 2208H06-006 **Matrix:** SOIL **Received Date:** 8/27/2022 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	9/2/2022 9:21:18 PM	69955
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**DGH**
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/6/2022 12:04:39 PM	69929
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/6/2022 12:04:39 PM	69929
Surr: DNOP	102	21-129		%Rec	1	9/6/2022 12:04:39 PM	69929
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/1/2022 4:11:44 AM	69829
Surr: BFB	94.9	37.7-212		%Rec	1	9/1/2022 4:11:44 AM	69829
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.023		mg/Kg	1	9/1/2022 4:11:44 AM	69829
Toluene	ND	0.047		mg/Kg	1	9/1/2022 4:11:44 AM	69829
Ethylbenzene	ND	0.047		mg/Kg	1	9/1/2022 4:11:44 AM	69829
Xylenes, Total	ND	0.093		mg/Kg	1	9/1/2022 4:11:44 AM	69829
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	9/1/2022 4:11:44 AM	69829

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208H06**

08-Sep-22

Client: EOG

Project: Mobil CI 9

Sample ID: **MB-69955**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **69955**	RunNo: **90777**
Prep Date: **9/2/2022**	Analysis Date: **9/2/2022**	SeqNo: **3245125** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-69955**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **69955**	RunNo: **90777**
Prep Date: **9/2/2022**	Analysis Date: **9/2/2022**	SeqNo: **3245126** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.7	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208H06**

08-Sep-22

Client: EOG

Project: Mobil CI 9

Sample ID: **LCS-69852**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **69852**	RunNo: **90697**							
Prep Date: **8/30/2022**	Analysis Date: **8/31/2022**	SeqNo: **3242022**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.9	21	129			

Sample ID: **LCS-69857**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **69857**	RunNo: **90697**							
Prep Date: **8/30/2022**	Analysis Date: **9/1/2022**	SeqNo: **3242023**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.9		5.000		78.5	21	129			

Sample ID: **LCS-69863**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **69863**	RunNo: **90697**							
Prep Date: **8/30/2022**	Analysis Date: **9/1/2022**	SeqNo: **3242024**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	15	50.00	0	95.9	64.4	127			
Surr: DNOP	5.0		5.000		100	21	129			

Sample ID: **MB-69852**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **69852**	RunNo: **90697**							
Prep Date: **8/30/2022**	Analysis Date: **8/31/2022**	SeqNo: **3242025**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		112	21	129			

Sample ID: **MB-69857**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **69857**	RunNo: **90697**							
Prep Date: **8/30/2022**	Analysis Date: **9/1/2022**	SeqNo: **3242026**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.9		10.00		99.3	21	129			

Sample ID: **MB-69863**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **69863**	RunNo: **90697**							
Prep Date: **8/30/2022**	Analysis Date: **9/1/2022**	SeqNo: **3242027**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		106	21	129			

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2208H06**
08-Sep-22

Client: EOG
Project: Mobil CI 9

Sample ID: **MB-69929**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **69929**	RunNo: **90803**
Prep Date: **9/1/2022**	Analysis Date: **9/4/2022**	SeqNo: **3246093** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		118	21	129			

Sample ID: **LCS-69929**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **69929**	RunNo: **90816**
Prep Date: **9/1/2022**	Analysis Date: **9/6/2022**	SeqNo: **3246555** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	15	50.00	0	86.0	64.4	127			
Surr: DNOP	4.4		5.000		87.0	21	129			

Sample ID: **LCS-69963**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **69963**	RunNo: **90816**
Prep Date: **9/6/2022**	Analysis Date: **9/6/2022**	SeqNo: **3246556** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.1		5.000		62.4	21	129			

Sample ID: **MB-69929**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **69929**	RunNo: **90816**
Prep Date: **9/1/2022**	Analysis Date: **9/6/2022**	SeqNo: **3246557** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		107	21	129			

Sample ID: **MB-69963**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **69963**	RunNo: **90816**
Prep Date: **9/6/2022**	Analysis Date: **9/6/2022**	SeqNo: **3246558** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.7		10.00		77.0	21	129			

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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208H06**

08-Sep-22

Client: EOG

Project: Mobil CI 9

Sample ID: **mb-69824**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **69824**	RunNo: **90670**
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240207** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	950		1000		95.4	37.7	212			

Sample ID: **lcs-69824**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **69824**	RunNo: **90670**
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240208** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		198	37.7	212			

Sample ID: **mb-69829**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **69829**	RunNo: **90670**
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240231** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.0	37.7	212			

Sample ID: **lcs-69829**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **69829**	RunNo: **90670**
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240232** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.7	72.3	137			
Surr: BFB	2000		1000		196	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208H06**

08-Sep-22

Client: EOG

Project: Mobil CI 9

Sample ID: **mb-69824**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **69824**	RunNo: **90670**							
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240249**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

Sample ID: **LCS-69824**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSS**	Batch ID: **69824**	RunNo: **90670**							
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240250**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.94		1.000		93.8	70	130			

Sample ID: **mb-69829**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **69829**	RunNo: **90670**							
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240273**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.6	70	130			

Sample ID: **LCS-69829**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSS**	Batch ID: **69829**	RunNo: **90670**							
Prep Date: **8/29/2022**	Analysis Date: **8/30/2022**	SeqNo: **3240274**	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	92.7	80	120			
Toluene	0.96	0.050	1.000	0	96.1	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.4	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.3	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2208H06 | RcptNo: 1

Received By: Tracy Casarrubias 8/27/2022 9:35:00 AM

Completed By: Sean Livingston 8/29/2022 8:13:56 AM

Reviewed By: KRC 8.29.22

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: SCL 8/29/22

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	4.0	Good				
2	4.8	Good				
3	5.6	Good				

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other
■ **EDD** (Type) Excel

Turn-Around Time: EOG 5 DAY TAT
☑ Standard ☒ Rush

Project Name: MOBIL CI #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez
On Ice: ☑ Yes ☐ No
# of Coolers: 3
Cooler Temp(including CF): See Remarks

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2208404	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
8-26-22	0908	soil	PTH-33/1	1x4oz Jar	ICE	001	X	X	X
	0914		PTH-33/4			002			
	0922		PTH-31/1			003			
	0928		PTH-31/4			004			
	0934		PTH-32/1			005			
	0940		PTH-32/4			006			

Analysis Request

Relinquished by:	Date	Time	Received by:	Via:	Date	Time
J. Martinez	8.26.22	1215	[signature]		8/26/22	1215
[signature]	8/26/22	1900	[signature]		8/27/22	9:35

Remarks: Bill to EOG Artesia
1.) 4.0 — 4.0°C
2.) 4.8 > -Ø = 4.8°C
3.) 5.6 — 5.6°C

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 repo

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

November 03, 2022

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

RE: Mobil CI 9 Flowline OrderNo.: 2210B58

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 49 sample(s) on 10/22/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WW-1
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:30:00 AM
Lab ID: 2210B58-001 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	61		mg/Kg	20	10/26/2022 3:13:54 PM	71072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/26/2022 3:54:34 PM	71054
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/26/2022 3:54:34 PM	71054
Surr: DNOP	111	21-129		%Rec	1	10/26/2022 3:54:34 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2022 3:03:00 PM	71014
Surr: BFB	104	37.7-212		%Rec	1	10/25/2022 3:03:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/25/2022 3:03:00 PM	71014
Toluene	ND	0.049		mg/Kg	1	10/25/2022 3:03:00 PM	71014
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2022 3:03:00 PM	71014
Xylenes, Total	ND	0.097		mg/Kg	1	10/25/2022 3:03:00 PM	71014
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	10/25/2022 3:03:00 PM	71014

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WW-2
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:34:00 AM
Lab ID: 2210B58-002 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	120	60		mg/Kg	20	10/26/2022 3:26:19 PM	71072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 4:18:47 PM	71054
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/26/2022 4:18:47 PM	71054
Surr: DNOP	103	21-129		%Rec	1	10/26/2022 4:18:47 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2022 3:42:00 PM	71014
Surr: BFB	102	37.7-212		%Rec	1	10/25/2022 3:42:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/25/2022 3:42:00 PM	71014
Toluene	ND	0.049		mg/Kg	1	10/25/2022 3:42:00 PM	71014
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2022 3:42:00 PM	71014
Xylenes, Total	ND	0.097		mg/Kg	1	10/25/2022 3:42:00 PM	71014
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/25/2022 3:42:00 PM	71014

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WW-3
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:36:00 AM
Lab ID: 2210B58-003 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	680	60		mg/Kg	20	10/26/2022 3:38:43 PM	71072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	53	14		mg/Kg	1	10/28/2022 1:50:33 PM	71054
Motor Oil Range Organics (MRO)	130	48		mg/Kg	1	10/28/2022 1:50:33 PM	71054
Surr: DNOP	106	21-129		%Rec	1	10/28/2022 1:50:33 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2022 4:02:00 PM	71014
Surr: BFB	98.1	37.7-212		%Rec	1	10/25/2022 4:02:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/25/2022 4:02:00 PM	71014
Toluene	ND	0.049		mg/Kg	1	10/25/2022 4:02:00 PM	71014
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2022 4:02:00 PM	71014
Xylenes, Total	ND	0.098		mg/Kg	1	10/25/2022 4:02:00 PM	71014
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2022 4:02:00 PM	71014

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WW-4
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:40:00 AM
Lab ID: 2210B58-004 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	110	60		mg/Kg	20	10/26/2022 3:51:08 PM	71072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 5:07:10 PM	71054
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/26/2022 5:07:10 PM	71054
Surr: DNOP	92.5	21-129		%Rec	1	10/26/2022 5:07:10 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/25/2022 4:22:00 PM	71014
Surr: BFB	98.6	37.7-212		%Rec	1	10/25/2022 4:22:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/25/2022 4:22:00 PM	71014
Toluene	ND	0.047		mg/Kg	1	10/25/2022 4:22:00 PM	71014
Ethylbenzene	ND	0.047		mg/Kg	1	10/25/2022 4:22:00 PM	71014
Xylenes, Total	ND	0.094		mg/Kg	1	10/25/2022 4:22:00 PM	71014
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	10/25/2022 4:22:00 PM	71014

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WW-5
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:44:00 AM
Lab ID: 2210B58-005 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	420	60		mg/Kg	20	10/26/2022 4:03:33 PM	71072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	130	15		mg/Kg	1	10/28/2022 2:18:05 PM	71054
Motor Oil Range Organics (MRO)	250	49		mg/Kg	1	10/28/2022 2:18:05 PM	71054
Surr: DNOP	104	21-129		%Rec	1	10/28/2022 2:18:05 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/25/2022 4:41:00 PM	71014
Surr: BFB	100	37.7-212		%Rec	1	10/25/2022 4:41:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/25/2022 4:41:00 PM	71014
Toluene	ND	0.048		mg/Kg	1	10/25/2022 4:41:00 PM	71014
Ethylbenzene	ND	0.048		mg/Kg	1	10/25/2022 4:41:00 PM	71014
Xylenes, Total	ND	0.095		mg/Kg	1	10/25/2022 4:41:00 PM	71014
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	10/25/2022 4:41:00 PM	71014

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WW-6
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:46:00 AM
Lab ID: 2210B58-006 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 5:55:14 AM	71096
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 5:55:53 PM	71054
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/26/2022 5:55:53 PM	71054
Surr: DNOP	95.6	21-129		%Rec	1	10/26/2022 5:55:53 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2022 5:01:00 PM	71014
Surr: BFB	103	37.7-212		%Rec	1	10/25/2022 5:01:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/25/2022 5:01:00 PM	71014
Toluene	ND	0.050		mg/Kg	1	10/25/2022 5:01:00 PM	71014
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2022 5:01:00 PM	71014
Xylenes, Total	ND	0.099		mg/Kg	1	10/25/2022 5:01:00 PM	71014
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2022 5:01:00 PM	71014

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WW-7
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:50:00 AM
Lab ID: 2210B58-007 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 8:27:36 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/26/2022 6:20:15 PM	71054
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/26/2022 6:20:15 PM	71054
Surr: DNOP	112	21-129		%Rec	1	10/26/2022 6:20:15 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2022 5:21:00 PM	71014
Surr: BFB	99.6	37.7-212		%Rec	1	10/25/2022 5:21:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/25/2022 5:21:00 PM	71014
Toluene	ND	0.049		mg/Kg	1	10/25/2022 5:21:00 PM	71014
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2022 5:21:00 PM	71014
Xylenes, Total	ND	0.098		mg/Kg	1	10/25/2022 5:21:00 PM	71014
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	10/25/2022 5:21:00 PM	71014

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EW-1
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:00:00 PM
Lab ID: 2210B58-008 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	310	61		mg/Kg	20	10/26/2022 8:40:00 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 6:44:35 PM	71054
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/26/2022 6:44:35 PM	71054
Surr: DNOP	68.7	21-129		%Rec	1	10/26/2022 6:44:35 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2022 5:40:00 PM	71014
Surr: BFB	104	37.7-212		%Rec	1	10/25/2022 5:40:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/25/2022 5:40:00 PM	71014
Toluene	ND	0.050		mg/Kg	1	10/25/2022 5:40:00 PM	71014
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2022 5:40:00 PM	71014
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2022 5:40:00 PM	71014
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/25/2022 5:40:00 PM	71014

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EW-2
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:02:00 PM
Lab ID: 2210B58-009 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 8:52:25 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 7:08:53 PM	71054
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/26/2022 7:08:53 PM	71054
Surr: DNOP	82.6	21-129		%Rec	1	10/26/2022 7:08:53 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2022 6:00:00 PM	71014
Surr: BFB	104	37.7-212		%Rec	1	10/25/2022 6:00:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/25/2022 6:00:00 PM	71014
Toluene	ND	0.049		mg/Kg	1	10/25/2022 6:00:00 PM	71014
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2022 6:00:00 PM	71014
Xylenes, Total	ND	0.097		mg/Kg	1	10/25/2022 6:00:00 PM	71014
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	10/25/2022 6:00:00 PM	71014

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EW-3
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:04:00 PM
Lab ID: 2210B58-010 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 9:04:50 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/26/2022 7:33:08 PM	71054
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/26/2022 7:33:08 PM	71054
Surr: DNOP	81.8	21-129		%Rec	1	10/26/2022 7:33:08 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/25/2022 6:20:00 PM	71014
Surr: BFB	100	37.7-212		%Rec	1	10/25/2022 6:20:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/25/2022 6:20:00 PM	71014
Toluene	ND	0.047		mg/Kg	1	10/25/2022 6:20:00 PM	71014
Ethylbenzene	ND	0.047		mg/Kg	1	10/25/2022 6:20:00 PM	71014
Xylenes, Total	ND	0.093		mg/Kg	1	10/25/2022 6:20:00 PM	71014
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/25/2022 6:20:00 PM	71014

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EW-4
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:06:00 PM
Lab ID: 2210B58-011 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 9:17:14 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 7:57:27 PM	71054
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/26/2022 7:57:27 PM	71054
Surr: DNOP	96.4	21-129		%Rec	1	10/26/2022 7:57:27 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/25/2022 6:39:00 PM	71014
Surr: BFB	98.7	37.7-212		%Rec	1	10/25/2022 6:39:00 PM	71014
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/25/2022 6:39:00 PM	71014
Toluene	ND	0.046		mg/Kg	1	10/25/2022 6:39:00 PM	71014
Ethylbenzene	ND	0.046		mg/Kg	1	10/25/2022 6:39:00 PM	71014
Xylenes, Total	ND	0.092		mg/Kg	1	10/25/2022 6:39:00 PM	71014
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2022 6:39:00 PM	71014

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EW-5
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:08:00 PM
Lab ID: 2210B58-012 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 9:29:38 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 8:30:23 PM	71044
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/26/2022 8:30:23 PM	71044
Surr: DNOP	78.7	21-129		%Rec	1	10/26/2022 8:30:23 PM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/25/2022 11:34:00 PM	71018
Surr: BFB	101	37.7-212		%Rec	1	10/25/2022 11:34:00 PM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/25/2022 11:34:00 PM	71018
Toluene	ND	0.048		mg/Kg	1	10/25/2022 11:34:00 PM	71018
Ethylbenzene	ND	0.048		mg/Kg	1	10/25/2022 11:34:00 PM	71018
Xylenes, Total	ND	0.095		mg/Kg	1	10/25/2022 11:34:00 PM	71018
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	10/25/2022 11:34:00 PM	71018

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EW-6
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:10:00 PM
Lab ID: 2210B58-013 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 10:06:51 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/26/2022 8:44:36 PM	71044
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/26/2022 8:44:36 PM	71044
Surr: DNOP	81.2	21-129		%Rec	1	10/26/2022 8:44:36 PM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 12:33:00 AM	71018
Surr: BFB	101	37.7-212		%Rec	1	10/26/2022 12:33:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 12:33:00 AM	71018
Toluene	ND	0.048		mg/Kg	1	10/26/2022 12:33:00 AM	71018
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 12:33:00 AM	71018
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2022 12:33:00 AM	71018
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/26/2022 12:33:00 AM	71018

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EW-7
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:12:00 PM
Lab ID: 2210B58-014 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 10:19:15 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	23	15		mg/Kg	1	10/26/2022 11:58:25 PM	71044
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/26/2022 11:58:25 PM	71044
Surr: DNOP	53.2	21-129		%Rec	1	10/26/2022 11:58:25 PM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 12:53:00 AM	71018
Surr: BFB	107	37.7-212		%Rec	1	10/26/2022 12:53:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 12:53:00 AM	71018
Toluene	ND	0.048		mg/Kg	1	10/26/2022 12:53:00 AM	71018
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 12:53:00 AM	71018
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2022 12:53:00 AM	71018
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	10/26/2022 12:53:00 AM	71018

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EW-8
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:14:00 PM
Lab ID: 2210B58-015 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/26/2022 10:31:39 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	54	15		mg/Kg	1	10/27/2022 12:22:23 AM	71044
Motor Oil Range Organics (MRO)	97	49		mg/Kg	1	10/27/2022 12:22:23 AM	71044
Surr: DNOP	40.9	21-129		%Rec	1	10/27/2022 12:22:23 AM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 1:13:00 AM	71018
Surr: BFB	102	37.7-212		%Rec	1	10/26/2022 1:13:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 1:13:00 AM	71018
Toluene	ND	0.048		mg/Kg	1	10/26/2022 1:13:00 AM	71018
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 1:13:00 AM	71018
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2022 1:13:00 AM	71018
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 1:13:00 AM	71018

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-1
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:30:00 AM
Lab ID: 2210B58-016 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	180	60		mg/Kg	20	10/26/2022 10:44:04 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	800	140		mg/Kg	10	10/26/2022 2:35:24 AM	71044
Motor Oil Range Organics (MRO)	730	470		mg/Kg	10	10/26/2022 2:35:24 AM	71044
Surr: DNOP	0	21-129	S	%Rec	10	10/26/2022 2:35:24 AM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2022 1:32:00 AM	71018
Surr: BFB	98.2	37.7-212		%Rec	1	10/26/2022 1:32:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 1:32:00 AM	71018
Toluene	ND	0.046		mg/Kg	1	10/26/2022 1:32:00 AM	71018
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2022 1:32:00 AM	71018
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2022 1:32:00 AM	71018
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	10/26/2022 1:32:00 AM	71018

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-2
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:32:00 AM
Lab ID: 2210B58-017 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	250	60		mg/Kg	20	10/26/2022 10:56:28 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	180	14		mg/Kg	1	10/27/2022 12:46:22 AM	71044
Motor Oil Range Organics (MRO)	260	48		mg/Kg	1	10/27/2022 12:46:22 AM	71044
Surr: DNOP	105	21-129		%Rec	1	10/27/2022 12:46:22 AM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/26/2022 1:52:00 AM	71018
Surr: BFB	103	37.7-212		%Rec	1	10/26/2022 1:52:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 1:52:00 AM	71018
Toluene	ND	0.050		mg/Kg	1	10/26/2022 1:52:00 AM	71018
Ethylbenzene	ND	0.050		mg/Kg	1	10/26/2022 1:52:00 AM	71018
Xylenes, Total	ND	0.10		mg/Kg	1	10/26/2022 1:52:00 AM	71018
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/26/2022 1:52:00 AM	71018

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-3
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:34:00 AM
Lab ID: 2210B58-018 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	61		mg/Kg	20	10/26/2022 11:08:52 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/26/2022 8:58:49 PM	71044
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/26/2022 8:58:49 PM	71044
Surr: DNOP	90.5	21-129		%Rec	1	10/26/2022 8:58:49 PM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 2:12:00 AM	71018
Surr: BFB	102	37.7-212		%Rec	1	10/26/2022 2:12:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 2:12:00 AM	71018
Toluene	ND	0.049		mg/Kg	1	10/26/2022 2:12:00 AM	71018
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 2:12:00 AM	71018
Xylenes, Total	ND	0.099		mg/Kg	1	10/26/2022 2:12:00 AM	71018
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	10/26/2022 2:12:00 AM	71018

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-4
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:36:00 AM
Lab ID: 2210B58-019 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	75	60		mg/Kg	20	10/26/2022 11:21:16 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	100	15		mg/Kg	1	10/27/2022 1:10:19 AM	71044
Motor Oil Range Organics (MRO)	120	49		mg/Kg	1	10/27/2022 1:10:19 AM	71044
Surr: DNOP	88.8	21-129		%Rec	1	10/27/2022 1:10:19 AM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2022 2:31:00 AM	71018
Surr: BFB	101	37.7-212		%Rec	1	10/26/2022 2:31:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 2:31:00 AM	71018
Toluene	ND	0.047		mg/Kg	1	10/26/2022 2:31:00 AM	71018
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2022 2:31:00 AM	71018
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2022 2:31:00 AM	71018
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 2:31:00 AM	71018

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-5
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:38:00 AM
Lab ID: 2210B58-020 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	590	60		mg/Kg	20	10/26/2022 11:33:40 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	170	15		mg/Kg	1	10/27/2022 1:34:13 AM	71044
Motor Oil Range Organics (MRO)	190	49		mg/Kg	1	10/27/2022 1:34:13 AM	71044
Surr: DNOP	119	21-129		%Rec	1	10/27/2022 1:34:13 AM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 2:51:00 AM	71018
Surr: BFB	104	37.7-212		%Rec	1	10/26/2022 2:51:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 2:51:00 AM	71018
Toluene	ND	0.049		mg/Kg	1	10/26/2022 2:51:00 AM	71018
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 2:51:00 AM	71018
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2022 2:51:00 AM	71018
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	10/26/2022 2:51:00 AM	71018

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-6
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:40:00 AM
Lab ID: 2210B58-021 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	300	60		mg/Kg	20	10/26/2022 11:46:05 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 8:21:39 PM	71054
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/26/2022 8:21:39 PM	71054
Surr: DNOP	113	21-129		%Rec	1	10/26/2022 8:21:39 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/26/2022 3:11:00 AM	71018
Surr: BFB	107	37.7-212		%Rec	1	10/26/2022 3:11:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 3:11:00 AM	71018
Toluene	ND	0.050		mg/Kg	1	10/26/2022 3:11:00 AM	71018
Ethylbenzene	ND	0.050		mg/Kg	1	10/26/2022 3:11:00 AM	71018
Xylenes, Total	ND	0.099		mg/Kg	1	10/26/2022 3:11:00 AM	71018
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	10/26/2022 3:11:00 AM	71018

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-7
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:42:00 AM
Lab ID: 2210B58-022 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	59		mg/Kg	20	10/26/2022 11:58:30 PM	71104
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 9:13:01 PM	71044
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/26/2022 9:13:01 PM	71044
Surr: DNOP	75.8	21-129		%Rec	1	10/26/2022 9:13:01 PM	71044
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 3:50:00 AM	71018
Surr: BFB	104	37.7-212		%Rec	1	10/26/2022 3:50:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 3:50:00 AM	71018
Toluene	ND	0.048		mg/Kg	1	10/26/2022 3:50:00 AM	71018
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 3:50:00 AM	71018
Xylenes, Total	ND	0.097		mg/Kg	1	10/26/2022 3:50:00 AM	71018
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	10/26/2022 3:50:00 AM	71018

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-8
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:46:00 AM
Lab ID: 2210B58-023 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 10:17:39 AM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	19	15		mg/Kg	1	10/26/2022 8:45:53 PM	71054
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/26/2022 8:45:53 PM	71054
Surr: DNOP	100	21-129		%Rec	1	10/26/2022 8:45:53 PM	71054
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2022 4:10:00 AM	71018
Surr: BFB	102	37.7-212		%Rec	1	10/26/2022 4:10:00 AM	71018
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 4:10:00 AM	71018
Toluene	ND	0.046		mg/Kg	1	10/26/2022 4:10:00 AM	71018
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2022 4:10:00 AM	71018
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2022 4:10:00 AM	71018
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 4:10:00 AM	71018

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-9
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:48:00 AM
Lab ID: 2210B58-024 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	59		mg/Kg	20	10/27/2022 10:30:00 AM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/28/2022 10:04:56 PM	71059
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/28/2022 10:04:56 PM	71059
Surr: DNOP	107	21-129		%Rec	1	10/28/2022 10:04:56 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 10:15:00 AM	71029
Surr: BFB	104	37.7-212		%Rec	1	10/26/2022 10:15:00 AM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 10:15:00 AM	71029
Toluene	ND	0.048		mg/Kg	1	10/26/2022 10:15:00 AM	71029
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 10:15:00 AM	71029
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2022 10:15:00 AM	71029
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 10:15:00 AM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-10
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:50:00 AM
Lab ID: 2210B58-025 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 11:07:03 AM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/28/2022 10:25:57 PM	71059
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/28/2022 10:25:57 PM	71059
Surr: DNOP	101	21-129		%Rec	1	10/28/2022 10:25:57 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/26/2022 11:14:00 AM	71029
Surr: BFB	105	37.7-212		%Rec	1	10/26/2022 11:14:00 AM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 11:14:00 AM	71029
Toluene	ND	0.050		mg/Kg	1	10/26/2022 11:14:00 AM	71029
Ethylbenzene	ND	0.050		mg/Kg	1	10/26/2022 11:14:00 AM	71029
Xylenes, Total	ND	0.10		mg/Kg	1	10/26/2022 11:14:00 AM	71029
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	10/26/2022 11:14:00 AM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-11
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:52:00 AM
Lab ID: 2210B58-026 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	69	60		mg/Kg	20	10/27/2022 11:44:05 AM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	21	14		mg/Kg	1	10/28/2022 10:57:35 PM	71059
Motor Oil Range Organics (MRO)	54	48		mg/Kg	1	10/28/2022 10:57:35 PM	71059
Surr: DNOP	94.5	21-129		%Rec	1	10/28/2022 10:57:35 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 12:13:00 PM	71029
Surr: BFB	102	37.7-212		%Rec	1	10/26/2022 12:13:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 12:13:00 PM	71029
Toluene	ND	0.048		mg/Kg	1	10/26/2022 12:13:00 PM	71029
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 12:13:00 PM	71029
Xylenes, Total	ND	0.097		mg/Kg	1	10/26/2022 12:13:00 PM	71029
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 12:13:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-12
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:54:00 AM
Lab ID: 2210B58-027 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 12:21:07 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	23	15		mg/Kg	1	10/28/2022 11:18:41 PM	71059
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/28/2022 11:18:41 PM	71059
Surr: DNOP	94.2	21-129		%Rec	1	10/28/2022 11:18:41 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 12:33:00 PM	71029
Surr: BFB	104	37.7-212		%Rec	1	10/26/2022 12:33:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 12:33:00 PM	71029
Toluene	ND	0.048		mg/Kg	1	10/26/2022 12:33:00 PM	71029
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 12:33:00 PM	71029
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2022 12:33:00 PM	71029
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	10/26/2022 12:33:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-13
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:56:00 AM
Lab ID: 2210B58-028 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 12:33:28 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/28/2022 11:39:46 PM	71059
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/28/2022 11:39:46 PM	71059
Surr: DNOP	93.6	21-129		%Rec	1	10/28/2022 11:39:46 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 12:52:00 PM	71029
Surr: BFB	104	37.7-212		%Rec	1	10/26/2022 12:52:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 12:52:00 PM	71029
Toluene	ND	0.048		mg/Kg	1	10/26/2022 12:52:00 PM	71029
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 12:52:00 PM	71029
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2022 12:52:00 PM	71029
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 12:52:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-14
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 10:58:00 AM
Lab ID: 2210B58-029 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	62	60		mg/Kg	20	10/27/2022 12:45:50 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	28	15		mg/Kg	1	10/28/2022 11:50:21 PM	71059
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/28/2022 11:50:21 PM	71059
Surr: DNOP	109	21-129		%Rec	1	10/28/2022 11:50:21 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 1:12:00 PM	71029
Surr: BFB	101	37.7-212		%Rec	1	10/26/2022 1:12:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 1:12:00 PM	71029
Toluene	ND	0.049		mg/Kg	1	10/26/2022 1:12:00 PM	71029
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 1:12:00 PM	71029
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2022 1:12:00 PM	71029
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	10/26/2022 1:12:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-15
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:00:00 AM
Lab ID: 2210B58-030 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	120	60		mg/Kg	20	10/27/2022 12:58:12 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/29/2022 12:11:29 AM	71059
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/29/2022 12:11:29 AM	71059
Surr: DNOP	105	21-129		%Rec	1	10/29/2022 12:11:29 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2022 1:32:00 PM	71029
Surr: BFB	116	37.7-212		%Rec	1	10/26/2022 1:32:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 1:32:00 PM	71029
Toluene	ND	0.047		mg/Kg	1	10/26/2022 1:32:00 PM	71029
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2022 1:32:00 PM	71029
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2022 1:32:00 PM	71029
Surr: 4-Bromofluorobenzene	121	70-130		%Rec	1	10/26/2022 1:32:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-16
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:02:00 AM
Lab ID: 2210B58-031 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	61		mg/Kg	20	10/27/2022 1:10:33 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/29/2022 12:32:35 AM	71059
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/29/2022 12:32:35 AM	71059
Surr: DNOP	112	21-129		%Rec	1	10/29/2022 12:32:35 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2022 1:51:00 PM	71029
Surr: BFB	98.6	37.7-212		%Rec	1	10/26/2022 1:51:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 1:51:00 PM	71029
Toluene	ND	0.046		mg/Kg	1	10/26/2022 1:51:00 PM	71029
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2022 1:51:00 PM	71029
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2022 1:51:00 PM	71029
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 1:51:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-17
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:04:00 AM
Lab ID: 2210B58-032 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 1:22:53 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/29/2022 12:43:12 AM	71059
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/29/2022 12:43:12 AM	71059
Surr: DNOP	106	21-129		%Rec	1	10/29/2022 12:43:12 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 2:11:00 PM	71029
Surr: BFB	102	37.7-212		%Rec	1	10/26/2022 2:11:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 2:11:00 PM	71029
Toluene	ND	0.049		mg/Kg	1	10/26/2022 2:11:00 PM	71029
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 2:11:00 PM	71029
Xylenes, Total	ND	0.097		mg/Kg	1	10/26/2022 2:11:00 PM	71029
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 2:11:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-18
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:06:00 AM
Lab ID: 2210B58-033 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 1:35:14 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/29/2022 12:53:52 AM	71059
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/29/2022 12:53:52 AM	71059
Surr: DNOP	102	21-129		%Rec	1	10/29/2022 12:53:52 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 2:31:00 PM	71029
Surr: BFB	102	37.7-212		%Rec	1	10/26/2022 2:31:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 2:31:00 PM	71029
Toluene	ND	0.049		mg/Kg	1	10/26/2022 2:31:00 PM	71029
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 2:31:00 PM	71029
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2022 2:31:00 PM	71029
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 2:31:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: WB-19
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:08:00 AM
Lab ID: 2210B58-034 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 1:47:35 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	54	15		mg/Kg	1	10/29/2022 1:04:31 AM	71059
Motor Oil Range Organics (MRO)	69	50		mg/Kg	1	10/29/2022 1:04:31 AM	71059
Surr: DNOP	99.1	21-129		%Rec	1	10/29/2022 1:04:31 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2022 3:10:00 PM	71029
Surr: BFB	101	37.7-212		%Rec	1	10/26/2022 3:10:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 3:10:00 PM	71029
Toluene	ND	0.047		mg/Kg	1	10/26/2022 3:10:00 PM	71029
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2022 3:10:00 PM	71029
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2022 3:10:00 PM	71029
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 3:10:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-20
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:10:00 AM
Lab ID: 2210B58-035 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 1:59:56 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/29/2022 1:36:20 AM	71059
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/29/2022 1:36:20 AM	71059
Surr: DNOP	110	21-129		%Rec	1	10/29/2022 1:36:20 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2022 3:30:00 PM	71029
Surr: BFB	104	37.7-212		%Rec	1	10/26/2022 3:30:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 3:30:00 PM	71029
Toluene	ND	0.047		mg/Kg	1	10/26/2022 3:30:00 PM	71029
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2022 3:30:00 PM	71029
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2022 3:30:00 PM	71029
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 3:30:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WB-21
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 11:12:00 AM
Lab ID: 2210B58-036 **Matrix:** SOIL
Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	61		mg/Kg	20	10/27/2022 2:12:17 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/29/2022 1:47:10 AM	71059
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/29/2022 1:47:10 AM	71059
Surr: DNOP	114	21-129		%Rec	1	10/29/2022 1:47:10 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 3:50:00 PM	71029
Surr: BFB	100	37.7-212		%Rec	1	10/26/2022 3:50:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 3:50:00 PM	71029
Toluene	ND	0.048		mg/Kg	1	10/26/2022 3:50:00 PM	71029
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 3:50:00 PM	71029
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2022 3:50:00 PM	71029
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	10/26/2022 3:50:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EB-1
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:00:00 PM
Lab ID: 2210B58-037 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	330	59		mg/Kg	20	10/27/2022 2:49:20 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	61	14		mg/Kg	1	10/31/2022 11:53:08 AM	71059
Motor Oil Range Organics (MRO)	180	48		mg/Kg	1	10/31/2022 11:53:08 AM	71059
Surr: DNOP	126	21-129		%Rec	1	10/31/2022 11:53:08 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/26/2022 4:09:00 PM	71029
Surr: BFB	95.7	37.7-212		%Rec	1	10/26/2022 4:09:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 4:09:00 PM	71029
Toluene	ND	0.050		mg/Kg	1	10/26/2022 4:09:00 PM	71029
Ethylbenzene	ND	0.050		mg/Kg	1	10/26/2022 4:09:00 PM	71029
Xylenes, Total	ND	0.10		mg/Kg	1	10/26/2022 4:09:00 PM	71029
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	10/26/2022 4:09:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EB-2
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:02:00 PM
Lab ID: 2210B58-038 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	430	60		mg/Kg	20	10/27/2022 3:01:41 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	91	15		mg/Kg	1	10/31/2022 12:14:25 PM	71059
Motor Oil Range Organics (MRO)	230	49		mg/Kg	1	10/31/2022 12:14:25 PM	71059
Surr: DNOP	97.8	21-129		%Rec	1	10/31/2022 12:14:25 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2022 4:29:00 PM	71029
Surr: BFB	101	37.7-212		%Rec	1	10/26/2022 4:29:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 4:29:00 PM	71029
Toluene	ND	0.047		mg/Kg	1	10/26/2022 4:29:00 PM	71029
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2022 4:29:00 PM	71029
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2022 4:29:00 PM	71029
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 4:29:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EB-3
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:04:00 PM
Lab ID: 2210B58-039 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	160	60		mg/Kg	20	10/27/2022 3:14:02 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	68	15		mg/Kg	1	10/31/2022 12:35:46 PM	71059
Motor Oil Range Organics (MRO)	180	49		mg/Kg	1	10/31/2022 12:35:46 PM	71059
Surr: DNOP	88.3	21-129		%Rec	1	10/31/2022 12:35:46 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 4:48:00 PM	71029
Surr: BFB	101	37.7-212		%Rec	1	10/26/2022 4:48:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 4:48:00 PM	71029
Toluene	ND	0.049		mg/Kg	1	10/26/2022 4:48:00 PM	71029
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 4:48:00 PM	71029
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2022 4:48:00 PM	71029
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 4:48:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EB-4
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:06:00 PM
Lab ID: 2210B58-040 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/27/2022 3:26:23 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/29/2022 2:30:15 AM	71059
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/29/2022 2:30:15 AM	71059
Surr: DNOP	96.1	21-129		%Rec	1	10/29/2022 2:30:15 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 5:08:00 PM	71029
Surr: BFB	99.5	37.7-212		%Rec	1	10/26/2022 5:08:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 5:08:00 PM	71029
Toluene	ND	0.049		mg/Kg	1	10/26/2022 5:08:00 PM	71029
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 5:08:00 PM	71029
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2022 5:08:00 PM	71029
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/26/2022 5:08:00 PM	71029

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EB-5
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:08:00 PM
Lab ID: 2210B58-041 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	160	60		mg/Kg	20	10/27/2022 3:38:44 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	43	14		mg/Kg	1	10/31/2022 12:57:19 PM	71059
Motor Oil Range Organics (MRO)	150	48		mg/Kg	1	10/31/2022 12:57:19 PM	71059
Surr: DNOP	127	21-129		%Rec	1	10/31/2022 12:57:19 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 5:28:00 PM	71029
Surr: BFB	105	37.7-212		%Rec	1	10/26/2022 5:28:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 5:28:00 PM	71029
Toluene	ND	0.048		mg/Kg	1	10/26/2022 5:28:00 PM	71029
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 5:28:00 PM	71029
Xylenes, Total	ND	0.097		mg/Kg	1	10/26/2022 5:28:00 PM	71029
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/26/2022 5:28:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EB-6
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:10:00 PM
Lab ID: 2210B58-042 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	1200	60		mg/Kg	20	10/27/2022 3:51:06 PM	71114
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	44	15		mg/Kg	1	10/31/2022 1:18:53 PM	71059
Motor Oil Range Organics (MRO)	140	50		mg/Kg	1	10/31/2022 1:18:53 PM	71059
Surr: DNOP	119	21-129		%Rec	1	10/31/2022 1:18:53 PM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2022 5:48:00 PM	71029
Surr: BFB	103	37.7-212		%Rec	1	10/26/2022 5:48:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/26/2022 5:48:00 PM	71029
Toluene	ND	0.046		mg/Kg	1	10/26/2022 5:48:00 PM	71029
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2022 5:48:00 PM	71029
Xylenes, Total	ND	0.092		mg/Kg	1	10/26/2022 5:48:00 PM	71029
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 5:48:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EB-7
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:12:00 PM
Lab ID: 2210B58-043 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	59		mg/Kg	20	10/28/2022 1:56:02 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/29/2022 3:12:52 AM	71059
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/29/2022 3:12:52 AM	71059
Surr: DNOP	78.6	21-129		%Rec	1	10/29/2022 3:12:52 AM	71059
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/26/2022 6:07:00 PM	71029
Surr: BFB	99.1	37.7-212		%Rec	1	10/26/2022 6:07:00 PM	71029
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 6:07:00 PM	71029
Toluene	ND	0.050		mg/Kg	1	10/26/2022 6:07:00 PM	71029
Ethylbenzene	ND	0.050		mg/Kg	1	10/26/2022 6:07:00 PM	71029
Xylenes, Total	ND	0.099		mg/Kg	1	10/26/2022 6:07:00 PM	71029
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/26/2022 6:07:00 PM	71029

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EB-8
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:14:00 PM
Lab ID: 2210B58-044 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	300	61		mg/Kg	20	10/28/2022 2:08:23 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	41	14		mg/Kg	1	10/28/2022 10:34:36 AM	71060
Motor Oil Range Organics (MRO)	120	48		mg/Kg	1	10/28/2022 10:34:36 AM	71060
Surr: DNOP	106	21-129		%Rec	1	10/28/2022 10:34:36 AM	71060
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2022 8:05:00 PM	71045
Surr: BFB	99.8	37.7-212		%Rec	1	10/26/2022 8:05:00 PM	71045
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 8:05:00 PM	71045
Toluene	ND	0.047		mg/Kg	1	10/26/2022 8:05:00 PM	71045
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2022 8:05:00 PM	71045
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2022 8:05:00 PM	71045
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	10/26/2022 8:05:00 PM	71045

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EB-9
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:16:00 PM
Lab ID: 2210B58-045 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	140	60		mg/Kg	20	10/28/2022 2:20:43 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 10:09:13 PM	71060
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/26/2022 10:09:13 PM	71060
Surr: DNOP	113	21-129		%Rec	1	10/26/2022 10:09:13 PM	71060
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 9:04:00 PM	71045
Surr: BFB	97.8	37.7-212		%Rec	1	10/26/2022 9:04:00 PM	71045
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 9:04:00 PM	71045
Toluene	ND	0.048		mg/Kg	1	10/26/2022 9:04:00 PM	71045
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 9:04:00 PM	71045
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2022 9:04:00 PM	71045
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 9:04:00 PM	71045

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

CLIENT: EOG
Client Sample ID: EB-10
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:18:00 PM
Lab ID: 2210B58-046 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	10/28/2022 2:33:03 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 10:50:54 PM	71060
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/26/2022 10:50:54 PM	71060
Surr: DNOP	107	21-129		%Rec	1	10/26/2022 10:50:54 PM	71060
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 10:03:00 PM	71045
Surr: BFB	99.7	37.7-212		%Rec	1	10/26/2022 10:03:00 PM	71045
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 10:03:00 PM	71045
Toluene	ND	0.049		mg/Kg	1	10/26/2022 10:03:00 PM	71045
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 10:03:00 PM	71045
Xylenes, Total	ND	0.097		mg/Kg	1	10/26/2022 10:03:00 PM	71045
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 10:03:00 PM	71045

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EB-11
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:20:00 PM
Lab ID: 2210B58-047 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/28/2022 8:23:43 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	34	14		mg/Kg	1	10/31/2022 2:35:41 PM	71060
Motor Oil Range Organics (MRO)	100	47		mg/Kg	1	10/31/2022 2:35:41 PM	71060
Surr: DNOP	95.9	21-129		%Rec	1	10/31/2022 2:35:41 PM	71060
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 10:23:00 PM	71045
Surr: BFB	104	37.7-212		%Rec	1	10/26/2022 10:23:00 PM	71045
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 10:23:00 PM	71045
Toluene	ND	0.049		mg/Kg	1	10/26/2022 10:23:00 PM	71045
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 10:23:00 PM	71045
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2022 10:23:00 PM	71045
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	10/26/2022 10:23:00 PM	71045

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EB-12
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:22:00 PM
Lab ID: 2210B58-048 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/28/2022 8:36:04 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 11:04:47 PM	71060
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/26/2022 11:04:47 PM	71060
Surr: DNOP	125	21-129		%Rec	1	10/26/2022 11:04:47 PM	71060
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2022 10:42:00 PM	71045
Surr: BFB	103	37.7-212		%Rec	1	10/26/2022 10:42:00 PM	71045
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	10/26/2022 10:42:00 PM	71045
Toluene	ND	0.049		mg/Kg	1	10/26/2022 10:42:00 PM	71045
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2022 10:42:00 PM	71045
Xylenes, Total	ND	0.099		mg/Kg	1	10/26/2022 10:42:00 PM	71045
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/26/2022 10:42:00 PM	71045

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

Qualifiers:

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

Analytical Report
Lab Order **2210B58**
Date Reported: **11/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EB-13
Project: Mobil CI 9 Flowline
Collection Date: 10/20/2022 1:24:00 PM
Lab ID: 2210B58-049 **Matrix:** SOIL **Received Date:** 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/28/2022 8:48:25 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/26/2022 11:18:32 PM	71060
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/26/2022 11:18:32 PM	71060
Surr: DNOP	104	21-129		%Rec	1	10/26/2022 11:18:32 PM	71060
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2022 11:02:00 PM	71045
Surr: BFB	102	37.7-212		%Rec	1	10/26/2022 11:02:00 PM	71045
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/26/2022 11:02:00 PM	71045
Toluene	ND	0.048		mg/Kg	1	10/26/2022 11:02:00 PM	71045
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2022 11:02:00 PM	71045
Xylenes, Total	ND	0.097		mg/Kg	1	10/26/2022 11:02:00 PM	71045
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	10/26/2022 11:02:00 PM	71045

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **MB-71072**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **71072**	RunNo: **92082**							
Prep Date: **10/26/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306560**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-71072**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **71072**	RunNo: **92082**							
Prep Date: **10/26/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306561**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.1	90	110			

Sample ID: **MB-71096**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **71096**	RunNo: **92082**							
Prep Date: **10/26/2022**	Analysis Date: **10/27/2022**	SeqNo: **3306630**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-71096**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **71096**	RunNo: **92082**							
Prep Date: **10/26/2022**	Analysis Date: **10/27/2022**	SeqNo: **3306631**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.4	90	110			

Sample ID: **MB-71104**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **71104**	RunNo: **92121**							
Prep Date: **10/26/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306859**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-71104**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **71104**	RunNo: **92121**							
Prep Date: **10/26/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306860**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **MB-71114**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **71114**	RunNo: **92160**
Prep Date: **10/27/2022**	Analysis Date: **10/27/2022**	SeqNo: **3308714** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-71114**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **71114**	RunNo: **92160**
Prep Date: **10/27/2022**	Analysis Date: **10/27/2022**	SeqNo: **3308715** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.3	90	110			

Sample ID: **MB-71134**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **71134**	RunNo: **92160**
Prep Date: **10/27/2022**	Analysis Date: **10/27/2022**	SeqNo: **3308776** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-71134**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **71134**	RunNo: **92160**
Prep Date: **10/27/2022**	Analysis Date: **10/27/2022**	SeqNo: **3308777** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.0	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **MB-71054**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71054**	RunNo: **92087**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3305152** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		111	21	129			

Sample ID: **LCS-71054**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71054**	RunNo: **92087**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3305153** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	15	50.00	0	107	64.4	127			
Surr: DNOP	5.1		5.000		103	21	129			

Sample ID: **MB-71044**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71044**	RunNo: **92133**
Prep Date: **10/24/2022**	Analysis Date: **10/26/2022**	SeqNo: **3307322** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.3	21	129			

Sample ID: **LCS-71044**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71044**	RunNo: **92133**
Prep Date: **10/24/2022**	Analysis Date: **10/26/2022**	SeqNo: **3307323** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	15	50.00	0	91.9	64.4	127			
Surr: DNOP	4.6		5.000		91.7	21	129			

Sample ID: **MB-71060**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71060**	RunNo: **92133**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3307329** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	21	129			

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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **LCS-71060**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71060**	RunNo: **92133**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3307330** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	15	50.00	0	94.9	64.4	127			
Surr: DNOP	4.5		5.000		90.8	21	129			

Sample ID: **LCS-71059**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71059**	RunNo: **92172**
Prep Date: **10/25/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310031** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	15	50.00	0	88.0	64.4	127			
Surr: DNOP	4.2		5.000		83.7	21	129			

Sample ID: **LCS-71141**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71141**	RunNo: **92172**
Prep Date: **10/28/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310032** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.3		5.000		107	21	129			

Sample ID: **MB-71059**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71059**	RunNo: **92172**
Prep Date: **10/25/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310034** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.2		10.00		82.5	21	129			

Sample ID: **MB-71141**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71141**	RunNo: **92172**
Prep Date: **10/28/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310036** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.5		10.00		94.6	21	129			

Sample ID: **LCS-71171**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71171**	RunNo: **92198**
Prep Date: **10/31/2022**	Analysis Date: **10/31/2022**	SeqNo: **3311075** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.2	21	129			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **MB-71171**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71171**	RunNo: **92198**
Prep Date: **10/31/2022**	Analysis Date: **10/31/2022**	SeqNo: **3311076** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.0		10.00		90.3	21	129			

Sample ID: **LCS-71174**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71174**	RunNo: **92198**
Prep Date: **10/31/2022**	Analysis Date: **10/31/2022**	SeqNo: **3312301** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.5		5.000		110	21	129			

Sample ID: **MB-71174**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71174**	RunNo: **92198**
Prep Date: **10/31/2022**	Analysis Date: **10/31/2022**	SeqNo: **3312302** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		96.8	21	129			

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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **lcs-71014**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **71014**	RunNo: **92075**							
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304536**	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	102	72.3	137			
Surr: BFB	2300		1000		226	37.7	212			S

Sample ID: **mb-71014**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **71014**	RunNo: **92075**							
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304537**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	37.7	212			

Sample ID: **lcs-71018**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **71018**	RunNo: **92075**							
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304560**	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	72.3	137			
Surr: BFB	2200		1000		220	37.7	212			S

Sample ID: **mb-71018**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **71018**	RunNo: **92075**							
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304561**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		99.7	37.7	212			

Sample ID: **lcs-71029**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **71029**	RunNo: **92118**							
Prep Date: **10/24/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306770**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	72.3	137			
Surr: BFB	2200		1000		223	37.7	212			S

Sample ID: **mb-71029**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **71029**	RunNo: **92118**							
Prep Date: **10/24/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306771**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **mb-71029**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **71029**	RunNo: **92118**
Prep Date: **10/24/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306771** 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		105	37.7	212			

Sample ID: **lcs-71045**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **71045**	RunNo: **92118**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306799** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	72.3	137			
Surr: BFB	2200		1000		221	37.7	212			S

Sample ID: **mb-71045**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **71045**	RunNo: **92118**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306800** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.5	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **lcs-71014**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **71014**	RunNo: **92075**
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304669** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	110	80	120			
Toluene	1.1	0.050	1.000	0	111	80	120			
Ethylbenzene	1.1	0.050	1.000	0	110	80	120			
Xylenes, Total	3.3	0.10	3.000	0	109	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		113	70	130			

Sample ID: **mb-71014**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **71014**	RunNo: **92075**
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304670** 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		114	70	130			

Sample ID: **lcs-71018**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **71018**	RunNo: **92075**
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304695** 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	108	80	120			
Toluene	1.1	0.050	1.000	0	108	80	120			
Ethylbenzene	1.1	0.050	1.000	0	108	80	120			
Xylenes, Total	3.2	0.10	3.000	0	107	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	70	130			

Sample ID: **mb-71018**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **71018**	RunNo: **92075**
Prep Date: **10/24/2022**	Analysis Date: **10/25/2022**	SeqNo: **3304696** 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		110	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

03-Nov-22

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: **lcs-71029**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **71029**	RunNo: **92118**
Prep Date: **10/24/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306862** 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	109	80	120			
Toluene	1.1	0.050	1.000	0	109	80	120			
Ethylbenzene	1.1	0.050	1.000	0	110	80	120			
Xylenes, Total	3.3	0.10	3.000	0	109	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		117	70	130			

Sample ID: **mb-71029**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **71029**	RunNo: **92118**
Prep Date: **10/24/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306865** 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	1.2		1.000		115	70	130			

Sample ID: **lcs-71045**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **71045**	RunNo: **92118**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306919** 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	114	80	120			
Toluene	1.1	0.050	1.000	0	115	80	120			
Ethylbenzene	1.1	0.050	1.000	0	114	80	120			
Xylenes, Total	3.4	0.10	3.000	0	114	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	70	130			

Sample ID: **mb-71045**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **71045**	RunNo: **92118**
Prep Date: **10/25/2022**	Analysis Date: **10/26/2022**	SeqNo: **3306920** 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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2210B58 | RcptNo: 1

Received By: Juan Rojas 10/22/2022 8:00:00 AM

Completed By: Juan Rojas 10/22/2022 8:42:18 AM

Reviewed By: SG 10/24/22

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: JN 10/24/22

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	0.4	Good				

EOG 5 DAY TAT

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

1 of 5

Client: EOG-Artesia / Ranger Env.	☒ Standard ☒ Rush
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Project Name: MOBIL CI #9 Flow line
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375
Phone #: 521-335-1785	
email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf
QA/QC Package: ■ Standard ☐ Level 4 (Full Validation)	
Accreditation: ☐ Az Compliance ■ NELAC ☐ Other	Sampler: J. martinez
■ EDD (Type) Excel	On Ice: ☒ Yes ☐ No
	# of Coolers:
	Cooler Temp(Including CF): 0.4+0=0.4

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210358	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
10-20-22	1130	Soil	WW-1	1x 40z) ar	ICE	-001	X	X	X
	1134		WW-2			-002			
	1136		WW-3			-003			
	1140		WW-4			-004			
	1144		WW-5			-005			
	1146		WW-6			-006			
	1150		WW-7			-007			
	1300		EW-1			-008			
	1302		EW-2			-009			
	1304		EW-3			-010			
	1306		EW-4			-011			
	1308		EW-5			-012			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-21-22	1112	J. Martinez			10/21/22	1112
10/21/22	1900			Courier	10/22/22	8:00

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 repo

EOG 5 DAY TAT

2 of 5

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: EOG-Artesia / Ranger Env.	☑ Standard ☑ Rush
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Project Name: MOBIL CI#9 Fbur line
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375
Phone #: 521-335-1785	
email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf
QA/QC Package: ■ Standard ☐ Level 4 (Full Validation)	
Accreditation: ☐ Az Compliance ■ NELAC ☐ Other	Sampler:
■ EDD (Type) Excel	On Ice: ☐ Yes ☐ No
	# of Coolers:
	Cooler Temp(including CF): 0.4+0=0.4

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210358	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
10-20-22	1310	Soil	EW-6	1x402 Jar	ICE	-013	X	X	X
	1312		EW-7			-014			
	1314		EW-8			-015			
	1030		WB-1			-016			
	1032		WB-2			-017			
	1034		WB-3			-018			
	1036		WB-4			-019			
	1038		WB-5			-020			
	1040		WB-6			-021			
	1042		WB-7			-022			
	1046		WB-8			-023			
~~10-19~~	~~1045~~		~~EB-9~~						

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-21-22	1115	J. Martinez			10/21/22	1115
10/21/22	1900			Courier	10/22/22	8:00

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 repo

EOG 5 DAY TAT

Client: EOG-Artesia / Ranger Env.

☐ Standard ☑ Rush

Project Name: MOBIL EI #9 Flowline

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

Ranger: PO Box 201179, Austin TX 78720

Project #: 5375

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

Project Manager: W. Kierdorf

QA/QC Package:

■ **Standard** ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

■ **NELAC** ☐ Other

■ **EDD** (Type) Excel

Sampler: J. Martinez

On Ice: ☑ Yes ☐ No

# of Coolers:

Cooler Temp(including CF): 0.4-0=0.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

3 of 5

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210858	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
10-20-22	1048	Soil	~~EW-6~~ WB-9	1x402 jar	ICE	-024	X	X	X
	1050		~~EW-7~~ WB-10			-025			
	1052		~~EW-8~~ WB-11			-026			
	1054		WB-12			-027			
	1056		WB-13			-028			
	1058		WB-14			-029			
	1100		WB-15			-030			
	1102		WB-16			-031			
	1104		WB-27			-032			
	1106		WB-18			-033			
	1108		WB-19			-034			
	1110		WB-20			-035			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-21-22	1109	J. Martinez			10/21/22	1109
10/22/22	900			Courier	10/22/22	8:00

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 repo

Chain-of-Custody Record

Client: EOG - Artesia / Ranger Env

Mailing Address: On file

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: EOG 5 DAY TAT
☐ Standard ☑ Rush

Project Name: MOBIL CI #9 Flow line

Project #: 5375

Project Manager: W. Kierdorf

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers:

Cooler Temp(including CF): 0.4-0=0.4 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210358	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10-20-22	1112	Soil	WB-21	1x4oz Jar	ICE	-036	X	X					X			
	1300		EB-1			-037										
	1302		EB-2			-038										
	1304		EB-3			-039										
	1306		EB-4			-040										
	1308		EB-5			-041										
	1310		EB-6			-042										
	1312		EB-7			-043										
	1314		EB-8			-044										
	1316		EB-9			-045										
	1318		EB-10			-046										
	1320		EB-11			-047										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-21-22	1105	J. Martinez			10/21/22	1105
10/21/22	1900					

Remarks:

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

Chain-of-Custody Record

Client: EOG - Artesia / Ranger Env

Mailing Address: On file

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: EOG 5 DAY TAT
☑ Standard ☑ Rush

Project Name: MOBIL CI #9 Flow line

Project #: 5375

Project Manager: W. Kierdorf

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers:

Cooler Temp(Including CF): 0.4-0=0.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210358	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10-20-22	1322	Soil	EB-12V	1x40z Jar	ICE	-048	X	X					X			
1	1324	1	EB-13	1	1	-049	1	1					1			

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-21-22	1105	J. Martinez			10/21/22	1105
10/21/22	1910			Courier	10/22/22	8:00

Remarks:

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

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

November 14, 2022

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

RE: Mobil CI 9 OrderNo.: 2211292

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 3 sample(s) on 11/5/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2211292**
Date Reported: **11/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: EW-8
Project: Mobil CI 9
Collection Date: 11/3/2022 8:38:00 AM
Lab ID: 2211292-001 **Matrix:** SOIL **Received Date:** 11/5/2022 2:10:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	ND	60		mg/Kg	20	11/10/2022 3:22:40 PM	71406
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	37	15		mg/Kg	1	11/9/2022 2:03:52 PM	71339
Motor Oil Range Organics (MRO)	92	49		mg/Kg	1	11/9/2022 2:03:52 PM	71339
Surr: DNOP	78.1	21-129		%Rec	1	11/9/2022 2:03:52 PM	71339
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/8/2022 4:29:00 PM	71329
Surr: BFB	98.7	37.7-212		%Rec	1	11/8/2022 4:29:00 PM	71329
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	11/8/2022 4:29:00 PM	71329
Toluene	ND	0.048		mg/Kg	1	11/8/2022 4:29:00 PM	71329
Ethylbenzene	ND	0.048		mg/Kg	1	11/8/2022 4:29:00 PM	71329
Xylenes, Total	ND	0.096		mg/Kg	1	11/8/2022 4:29:00 PM	71329
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	1	11/8/2022 4:29:00 PM	71329

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

Qualifiers:

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

Analytical Report
Lab Order **2211292**
Date Reported: **11/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WW-5
Project: Mobil CI 9
Collection Date: 11/3/2022 8:40:00 AM
Lab ID: 2211292-002 **Matrix:** SOIL **Received Date:** 11/5/2022 2:10:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**NAI**
Chloride	ND	60		mg/Kg	20	11/10/2022 3:35:04 PM	71406
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**DGH**
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	11/9/2022 3:51:01 AM	71339
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/9/2022 3:51:01 AM	71339
Surr: DNOP	82.8	21-129		%Rec	1	11/9/2022 3:51:01 AM	71339
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/8/2022 4:49:00 PM	71329
Surr: BFB	100	37.7-212		%Rec	1	11/8/2022 4:49:00 PM	71329
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.024		mg/Kg	1	11/8/2022 4:49:00 PM	71329
Toluene	ND	0.048		mg/Kg	1	11/8/2022 4:49:00 PM	71329
Ethylbenzene	ND	0.048		mg/Kg	1	11/8/2022 4:49:00 PM	71329
Xylenes, Total	ND	0.097		mg/Kg	1	11/8/2022 4:49:00 PM	71329
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	11/8/2022 4:49:00 PM	71329

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

Qualifiers:

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

Analytical Report
Lab Order **2211292**
Date Reported: **11/14/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: WW-3
Project: Mobil CI 9
Collection Date: 11/3/2022 8:42:00 AM
Lab ID: 2211292-003 **Matrix:** SOIL **Received Date:** 11/5/2022 2:10:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	200	60		mg/Kg	20	11/10/2022 3:47:30 PM	71406
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	320	15		mg/Kg	1	11/9/2022 11:55:54 AM	71339
Motor Oil Range Organics (MRO)	360	49		mg/Kg	1	11/9/2022 11:55:54 AM	71339
Surr: DNOP	102	21-129		%Rec	1	11/9/2022 11:55:54 AM	71339
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/8/2022 5:08:00 PM	71329
Surr: BFB	94.9	37.7-212		%Rec	1	11/8/2022 5:08:00 PM	71329
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	11/8/2022 5:08:00 PM	71329
Toluene	ND	0.048		mg/Kg	1	11/8/2022 5:08:00 PM	71329
Ethylbenzene	ND	0.048		mg/Kg	1	11/8/2022 5:08:00 PM	71329
Xylenes, Total	ND	0.096		mg/Kg	1	11/8/2022 5:08:00 PM	71329
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	11/8/2022 5:08:00 PM	71329

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211292**

14-Nov-22

Client: EOG

Project: Mobil CI 9

Sample ID: **MB-71406**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **71406**	RunNo: **92489**
Prep Date: **11/10/2022**	Analysis Date: **11/10/2022**	SeqNo: **3325646** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-71406**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **71406**	RunNo: **92489**
Prep Date: **11/10/2022**	Analysis Date: **11/10/2022**	SeqNo: **3325647** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.1	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211292**

14-Nov-22

Client: EOG

Project: Mobil CI 9

Sample ID: **LCS-71335** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **71335** RunNo: **92415**
Prep Date: **11/7/2022** Analysis Date: **11/8/2022** SeqNo: **3322279** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		92.7	21	129			

Sample ID: **LCS-71339** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **71339** RunNo: **92415**
Prep Date: **11/7/2022** Analysis Date: **11/9/2022** SeqNo: **3322280** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	15	50.00	0	88.0	64.4	127			
Surr: DNOP	4.8		5.000		95.9	21	129			

Sample ID: **MB-71335** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **71335** RunNo: **92415**
Prep Date: **11/7/2022** Analysis Date: **11/8/2022** SeqNo: **3322282** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		106	21	129			

Sample ID: **MB-71339** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **71339** RunNo: **92415**
Prep Date: **11/7/2022** Analysis Date: **11/9/2022** SeqNo: **3322283** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.1	21	129			

Sample ID: **LCS-71356** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **71356** RunNo: **92430**
Prep Date: **11/8/2022** Analysis Date: **11/9/2022** SeqNo: **3324030** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.6		5.000		112	21	129			

Sample ID: **LCS-71362** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **71362** RunNo: **92430**
Prep Date: **11/8/2022** Analysis Date: **11/9/2022** SeqNo: **3324031** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.3		5.000		106	21	129			

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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211292**

14-Nov-22

Client: EOG

Project: Mobil CI 9

Sample ID: **MB-71356**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71356**	RunNo: **92430**
Prep Date: **11/8/2022**	Analysis Date: **11/9/2022**	SeqNo: **3324032** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.6		10.00		95.7	21	129			

Sample ID: **MB-71362**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71362**	RunNo: **92430**
Prep Date: **11/8/2022**	Analysis Date: **11/9/2022**	SeqNo: **3324033** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.5		10.00		95.2	21	129			

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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211292**

14-Nov-22

Client: EOG

Project: Mobil CI 9

Sample ID: **lcs-71329**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **71329**	RunNo: **92421**
Prep Date: **11/7/2022**	Analysis Date: **11/8/2022**	SeqNo: **3321772** 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	94.1	72.3	137			
Surr: BFB	2100		1000		210	37.7	212			

Sample ID: **mb-71329**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **71329**	RunNo: **92421**
Prep Date: **11/7/2022**	Analysis Date: **11/8/2022**	SeqNo: **3321773** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.4	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211292**

14-Nov-22

Client: EOG

Project: Mobil CI 9

Sample ID: **lcs-71329**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **71329**	RunNo: **92421**
Prep Date: **11/7/2022**	Analysis Date: **11/8/2022**	SeqNo: **3322190** 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	115	80	120			
Toluene	1.2	0.050	1.000	0	115	80	120			
Ethylbenzene	1.2	0.050	1.000	0	115	80	120			
Xylenes, Total	3.4	0.10	3.000	0	115	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: **mb-71329**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **71329**	RunNo: **92421**
Prep Date: **11/7/2022**	Analysis Date: **11/8/2022**	SeqNo: **3322191** 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		115	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2211292 | RcptNo: 1

Received By: Andy Freeman 11/5/2022 2:10:00 PM

Completed By: Juan Rojas 11/7/2022 7:13:24 AM

Reviewed By: KPG 11-7-22

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

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

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.5	Good				
2	4.4	Good				
3	2.8	Good				

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ NELAC ☐ Other

■ EDD (Type) Excel

Turn-Around Time: EOG 5 day TAT
☑ Standard ☑ Rush

Project Name: MOBIL CI #9

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice: ☐ Yes ☐ No

# of Coolers:

Cooler Temp (including CF):

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2211292	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
11-3-22	0838	Soil	EW-8	1x40z Jar	ICE	-001	X	X	X
"	0840	"	WW-5	"	"	-002	"	"	"
"	0842	"	WW-3	"	"	-003	"	"	"

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11-4-22	0828	J. Martinez			11/4/22	828
11/4/22	1900				11/5/22	1410

Remarks: Bill to EOG Artesia
3.6 - 0.1 = 3.5
4.5 - 0.1 = 4.4
2.9 - 0.1 = 2.8

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 repo

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

ATTACHMENT 5 – NMOCD CORRESPONDENCE

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, August 22, 2022 4:24 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 136584

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2223452565,
with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141**

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

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

Thank you,
Jocelyn Harimon
Environmental Specialist
575-748-1283
Jocelyn.Harimon@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, October 17, 2022 8:49 AM
To: ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov; Alan & Cheryl <ahowell@pvtn.net>; Austin Weyant <austin@atkinseng.com>
Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>; Terrence Gant <Terry_Gant@eogresources.com>
Subject: Mobil CI Federal 9 -Flowline Area (nAPP2223452565) Sampling Notification

Good Morning,

Due to the precipitation this weekend, the below sampling has been rescheduled.

Mobil CI Federal 9 – Flowline Area
nAPP2223452565

Sampling will begin at 12:00 p.m. on Wednesday, October 19, 2022 and continue through Friday, October 21, 2022.

Thank you.

•••

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Tuesday, November 1, 2022 9:20 AM
To: CFO_Spill, BLM_NM <blm_nm_cfo_spill@blm.gov>; Alan & Cheryl <ahowell@pvtn.net>; ocd.enviro@emnrd.nm.gov; Austin Weyant <austin@atkinseng.com>
Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>; Terrence Gant <Terry_Gant@eogresources.com>
Subject: Mobil CI Federal #9 Pipeline (nAPP2223452565) Sampling Notification

Good morning,

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

Mobil CI Federal 9 – Flowline Area
K-5-19S-25E
Eddy County, NM
nAPP2223452565

Sampling will begin at 9:00 a.m. on Thursday, November 3, 2022.

Thank you,

Miriam Morales

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, November 15, 2022 1:28 PM
To: ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov; Alan & Cheryl <ahowell@pvtn.net>; Austin Weyant <austin@atkinseng.com>
Cc: Andrea Felix <Andrea_Felix@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Michael Yemm <Michael_Yemm@eogresources.com>; Terrence Gant <Terry_Gant@eogresources.com>
Subject: Mobil CI Federal 9 Flowline Area (nAPP2223452565) Sampling Notification Modification

Good Afternoon,

EOG Resources, Inc. respectfully submits a modification to the notification of sampling to be conducted at the below location.

Mobil CI Federal 9 – Flowline Area
K-5-19S-25E
Eddy County, NM
nAPP2223452565

Sampling will begin at 9:00 a.m. on Friday, November 18, 2022 instead of Thursday, November 17, 2022.

Sorry for any inconvenience this may cause.

Thank you,

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

eog resources
Artesia Division

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

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

CONDITIONS

Action 160035

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 160035
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We are processing some old legacy reports that were not previously reviewed. This incident has already been closed. Thank you for the submission.	4/21/2023