

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:

P.O. BOX 201179
AUSTIN, TEXAS 78720

NOVEMBER 18, 2022

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

William Kierdorf, REM Project Manager

TABLE OF CONTENTS

1.0	SITE LOCATION AND BACKGROUND	1
2.0	SITE CHARACTERIZATION	2
2.1	Depth-to-Groundwater	2
2.2	Wellhead Protection Area	2
2.3	Distance to Nearest Significant Watercourse	3
2.4	Closure Criteria	3
3.0	SITE ASSESSMENT AND COMPLETED REMEDIATION UPDATE	3
3.1	June & July, 2022 - Site Assessment Activities	3
3.2	Completed Site Remediation and Confirmation Sampling	5
3.3	Waste Disposal	6
4.0	REMAINING SITE ACTIVITIES	6
4.1	Additional Soil Removal	6
4.2	Site Backfill and Re-seeding	6
4.3	Site Closure	6

FORM C-141

FIGURES

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

TABLES

- Assessment Soil Sample BTEX, TPH & Chloride Analytical Data
- Confirmation Soil Sample BTEX, TPH & Chloride Analytical Data

ATTACHMENTS

- Attachment 1 Depth-to-Groundwater Data
- Attachment 2 Photographic Documentation
- Attachment 3 Laboratory Analytical Reports
- Attachment 4 Howell Ranch Seed Mixture
- Attachment 5 NMOCD Correspondence



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

1.0 SITE LOCATION AND BACKGROUND

The Mobil CI #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.

STATE OF TEXAS PROFESSIONAL GEOSCIENTIST FIRM NO. 50140 • STATE OF TEXAS PROFESSIONAL ENGINEERING FIRM NO. F-6160

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 <u>Distance to Nearest Significant Watercourse</u>

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)	втех	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)

3.0 SITE ASSESSMENT AND COMPLETED REMEDIATION UPDATE

3.1 <u>June & July, 2022 - Site Assessment Activities</u>

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



^{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.

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 <u>Completed Site Remediation and Confirmation Sampling</u>

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).



eceived by OCD: 11/18/2022	10:16:43 AM	Page 9 of 2
	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

			Ttes	, , ,	bie i ai ej	,	
Responsible Party EOG Resources, Inc.				OGRID 73	377		
Contact Name Chase Settle			Contact Te	elephone 575-748-1471			
		Settle@eogre	sources.com		Incident #	nAPP2223452565	
Contact mail	ing address	104 S. 4th Str	eet, Artesia, I	NM 88	8210		
			Location			ource	
Latitude 32.	68786				Longitude •	-104.51041	
			(NAD 83 in de	ecimal de	grees to 5 decim	nal places)	
Site Name Mo	obil CI Fed	deral #9- Pipeliı	ne		Site Type P	 Pipeline	
Date Release							
			I				
Unit Letter	Section	Township Range Cour		Coun	ıty		
K	5 19S 25E Eddy						
Surface Owner	Surface Owner: State Federal Tribal Private (Name: Howell Revocable Trust Nature and Volume of Release						
		(A) 5 1 (6 1) .					
☑ Crude Oil		Volume Release	ed (bbls) Unknov	ı calculat vn	tions or specific	volume Recovered (bbls)	
✓ Produced	Water		ed (bbls) Unknov			Volume Recovered (bbls) 0	
Is the concentration of dissolved chloric produced water >10,000 mg/l?				e in the	✓ Yes □ No		
Condensa	te	Volume Release	ed (bbls)			Volume Recovered (bbls)	
Natural G	as	Volume Release	ed (Mcf)			Volume Recovered (Mcf)	
Other (describe) Volume/Weight Released (provide units			e units))	Volume/Weight Recovered (provide units)		
Cause of Rele	a histo to the	An environme rical release.	ental consultan Based on the i d concentratio	t was nitial i ns of o	retained to nvestigatio constituent	cal impacts along the out of service pipeline investigate the area for possible impacts of on, it is the consultant's recommendation due to at the two distinct areas discovered along	

Received by OCD: 11/18/2022/10:16:43 AM State of New Mexico
Page 2 Oil Conservation Division

Page ageog 243	\boldsymbol{P}	age	ddeo	F2	43
----------------	------------------	-----	------	----	----

Incident ID	nAPP2223452565
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	sible party consider this a major release?
☐ Yes ☑ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
✓ The source of the rele	ease has been stopped.	
☐ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and	
If all the actions described	d above have <u>not</u> been undertaken, explain v	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	pest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger ICD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Chase S	Settle	Title: Rep Safety & Environmental Sr
Signature: Chase	Settle	Date: 08/22/2022
email: Chase_Settle	@eogresources.com	Telephone: <u>575-748-1471</u>
OCD Only		
Jocely	n Harimon	08/22/2022
Received by:		Date:

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

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 136584

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	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

	Page 13 of 2	47
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 wel 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 Physical state and CIS information.	ls.			
 ✓ Photographs including date and GIS information ✓ Topographic/Aerial maps 				

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.

☐ Laboratory data including chain of custody

Received by OCD: 11/18/2022 10:16:43 AM Form C-141 State of New Mexico Oil Conservation Division Page 4

	Page 14 of 2	4
nt ID	nAPP2223452565	

Incident ID	nAPP2223452565
District RP	
Facility ID	
Application ID	

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

and/of regulations.	
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr
Signature: Chase Settle	Date: 11/18/2022
email: Chase_Settle@eogresources.com_	Telephone: <u>575-748-1471</u>
OCD Only	
Received by: Jocelyn Harimon	Date:11/18/2022

eived by OCD: 11/18/2022 10:16:43 AM
W C-141
State of New Mexico

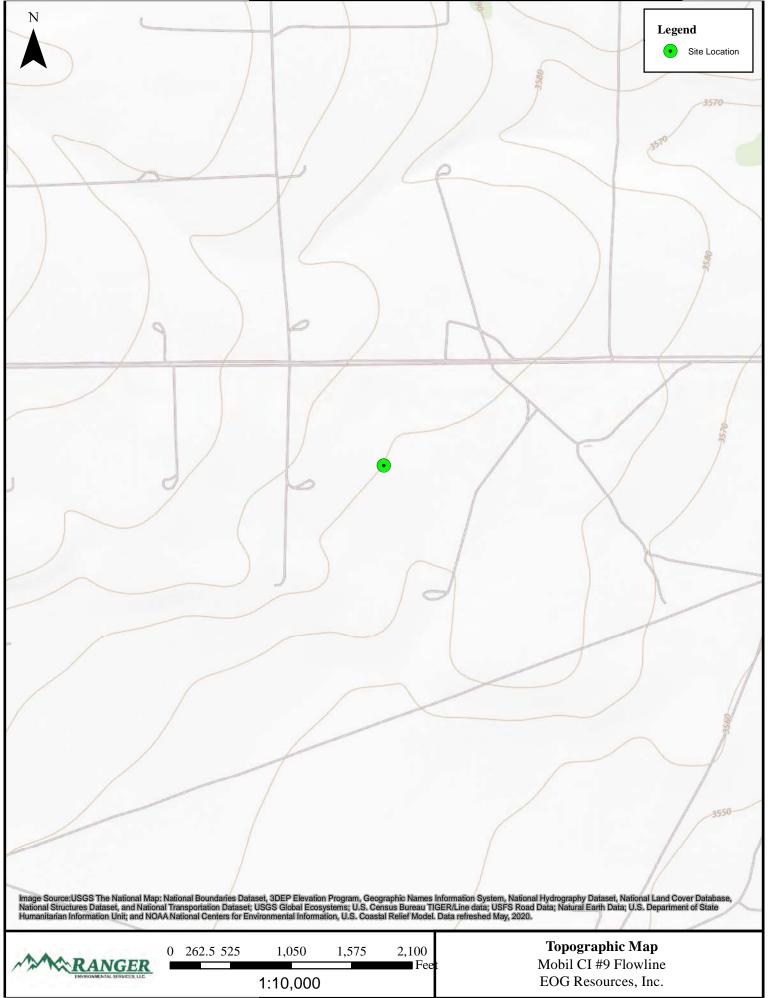
Incident ID	nAPP2223452565
District RP	
Facility ID	
Application ID	

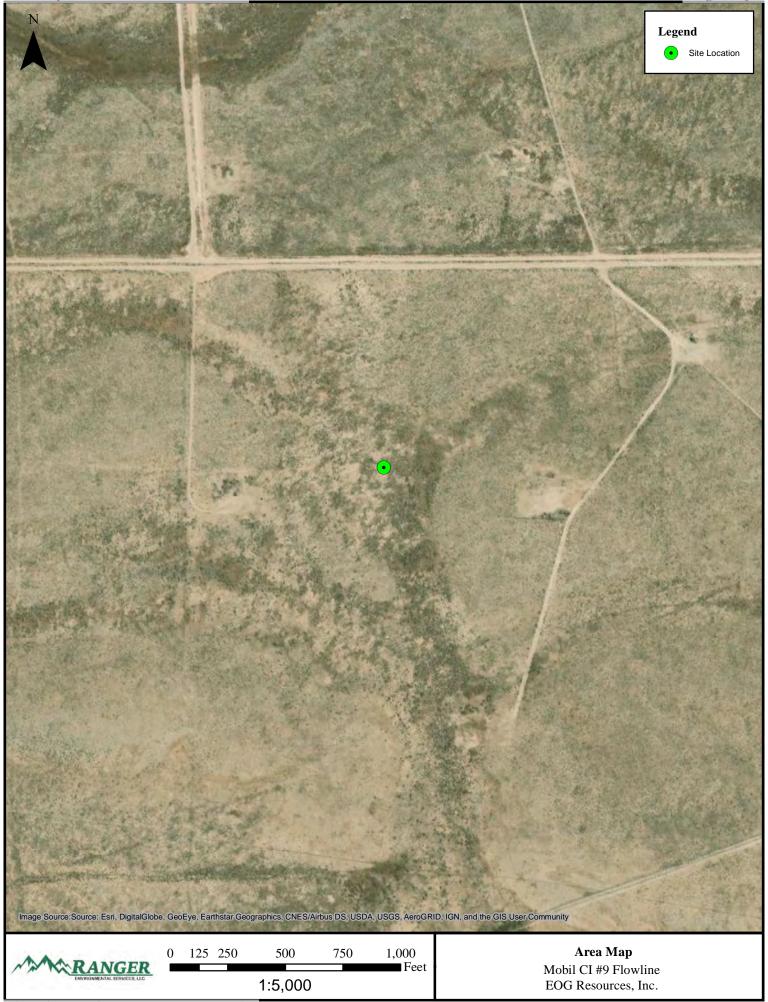
Remediation Plan

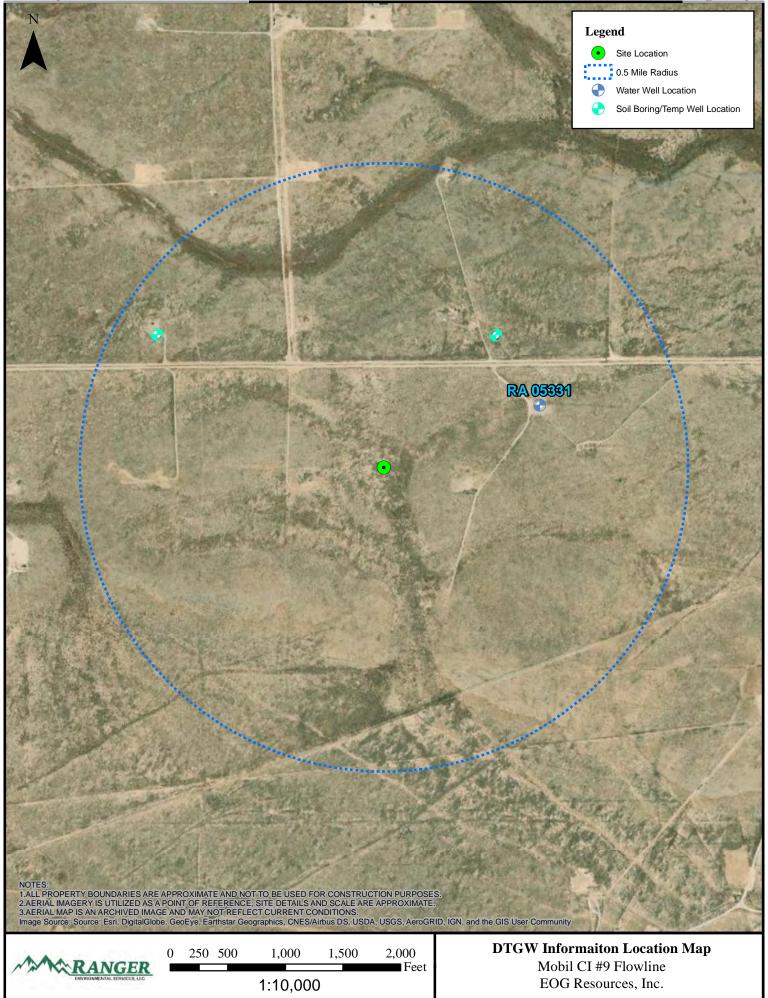
Remediation Plan Checklist: Each of the following items must be included	l in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) I ☑ Proposed schedule for remediation (note if remediation plan timeline is not proposed schedule) 	
Deferral Requests Only: Each of the following items must be confirmed as	s part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production deconstruction.	equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health, the envir	ronment, or groundwater.
I hereby certify that the information given above is true and complete to the brules and regulations all operators are required to report and/or file certain rel which may endanger public health or the environment. The acceptance of a Cliability should their operations have failed to adequately investigate and rem surface water, human health or the environment. In addition, OCD acceptance responsibility for compliance with any other federal, state, or local laws and/or	ease notifications and perform corrective actions for releases C-141 report by the OCD does not relieve the operator of ediate contamination that pose a threat to groundwater, e of a C-141 report does not relieve the operator of
Printed Name: Chase Settle Title:	Rep Safety & Environmental Sr
Signature: Chase Settle Date:	11/18/2022
email: Chase_Settle@eogresources.com Teleph	none: _575-748-1471
OCD Only	
Received by: Jocelyn Harimon Date: _	11/18/2022
Approved	☐ Denied ☐ Deferral Approved
Signature: Date:	

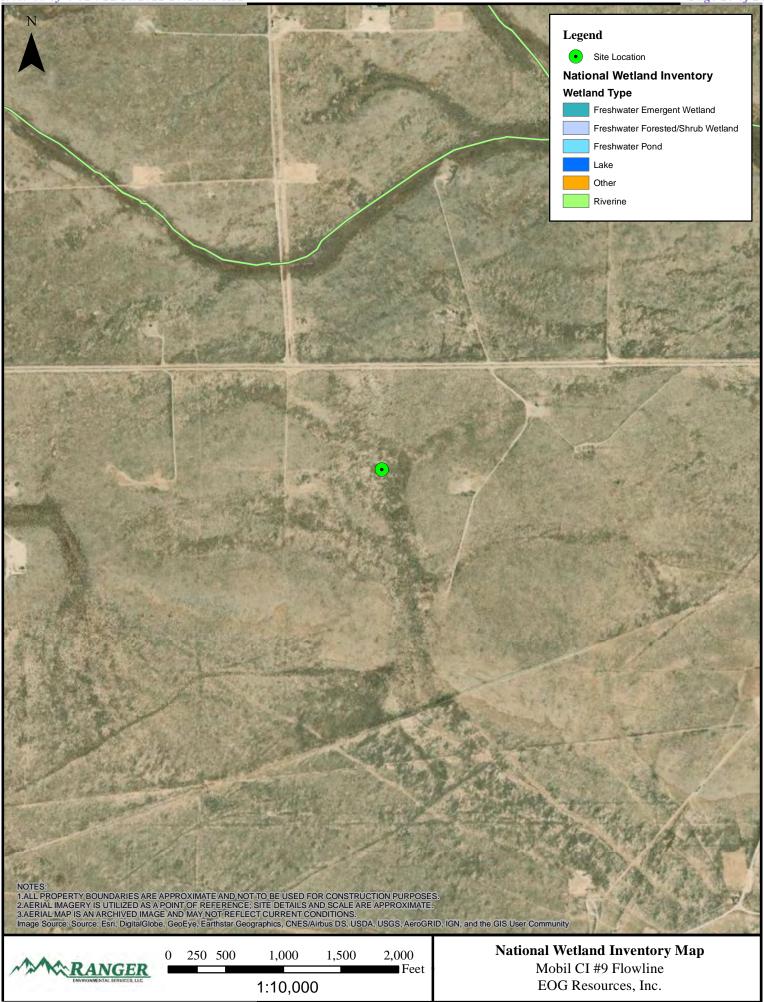
FIGURES

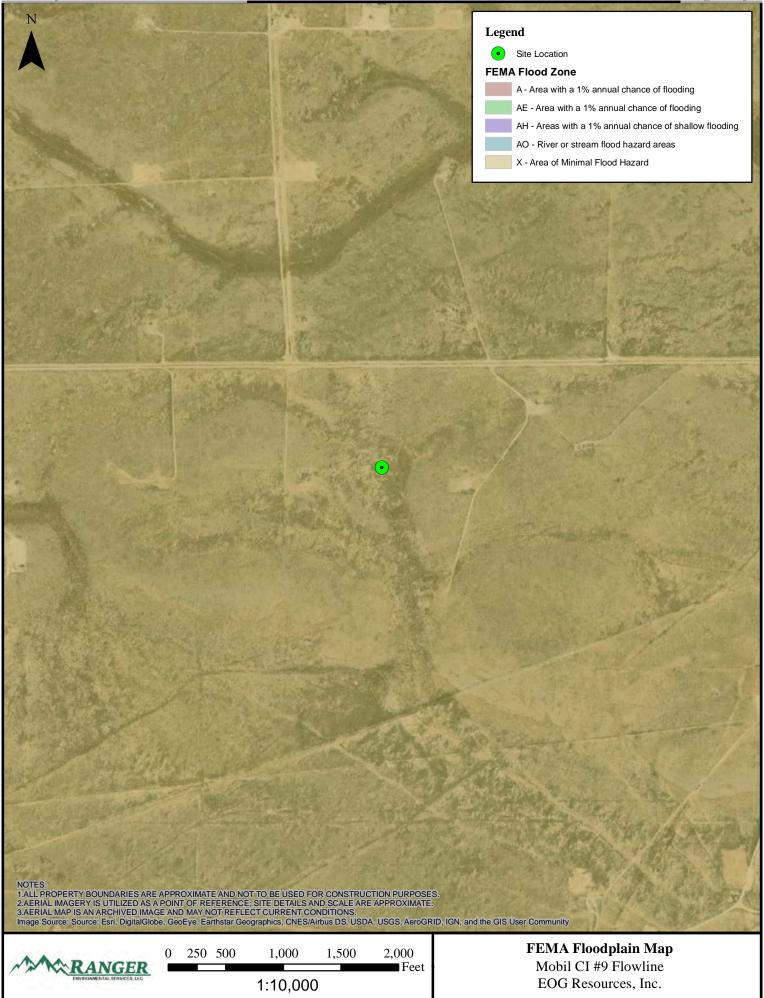
Topographic Map
Area Map
DTGW Information Location Map
National Wetland Inventory Map
FEMA Floodplain Map
Karst Topography Map
Assessment Sample Location Map
Excavation and Confirmation Sample Location Map
(Eastern Area)
Excavation and Confirmation Sample Location Map
(Western Area)

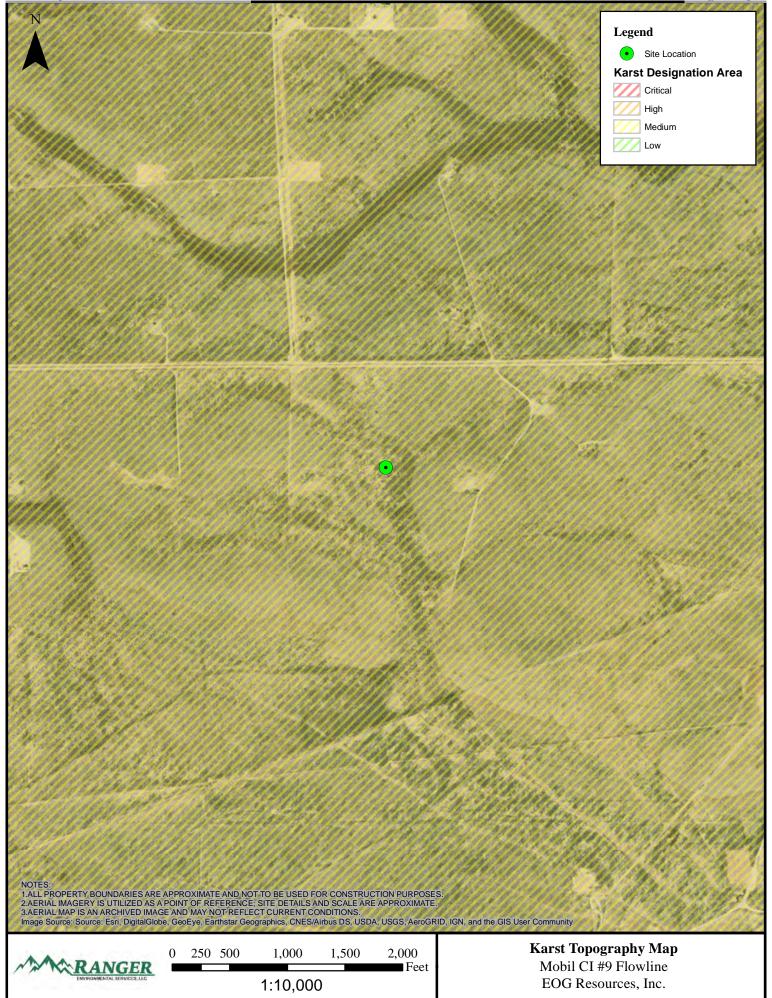


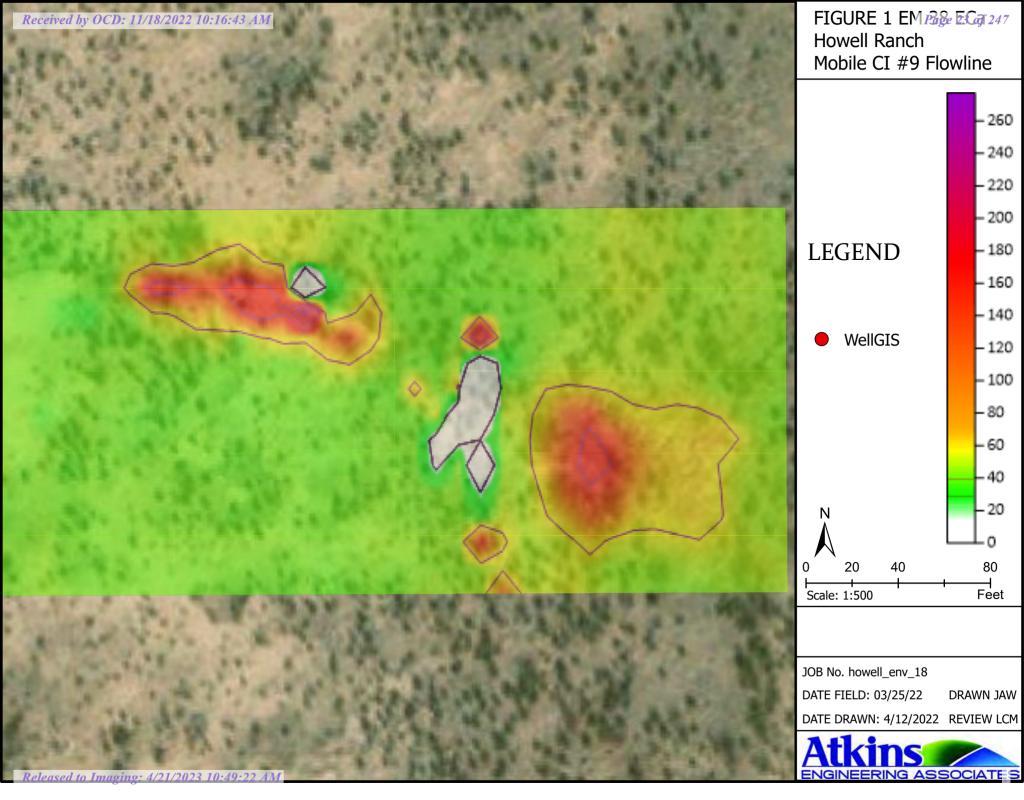


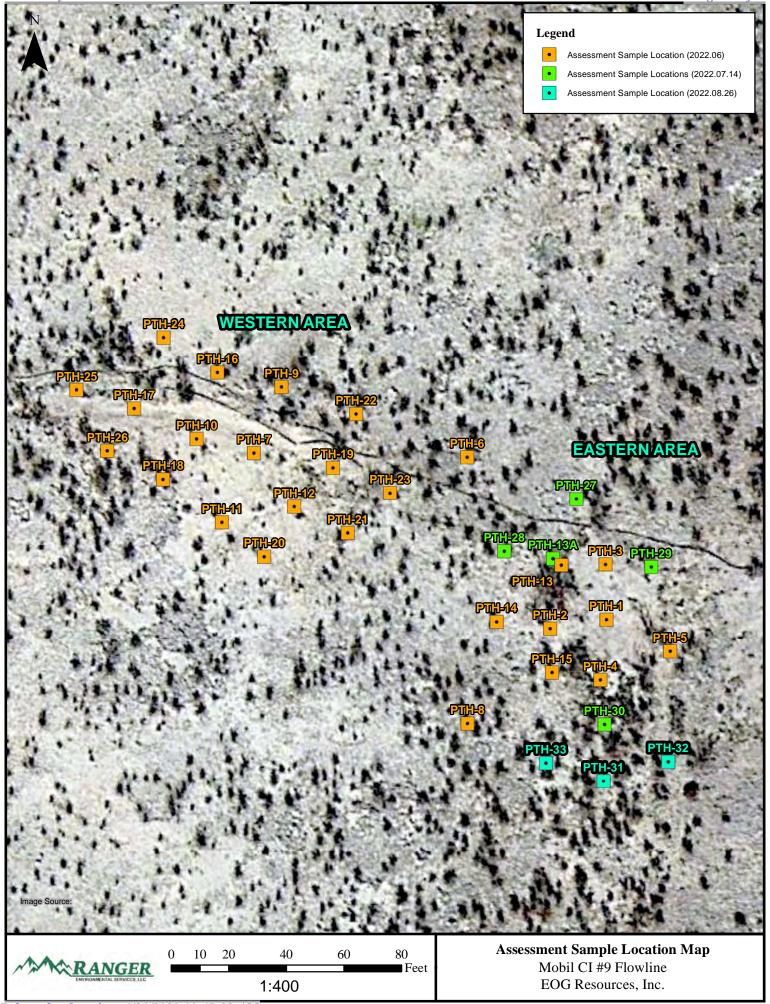


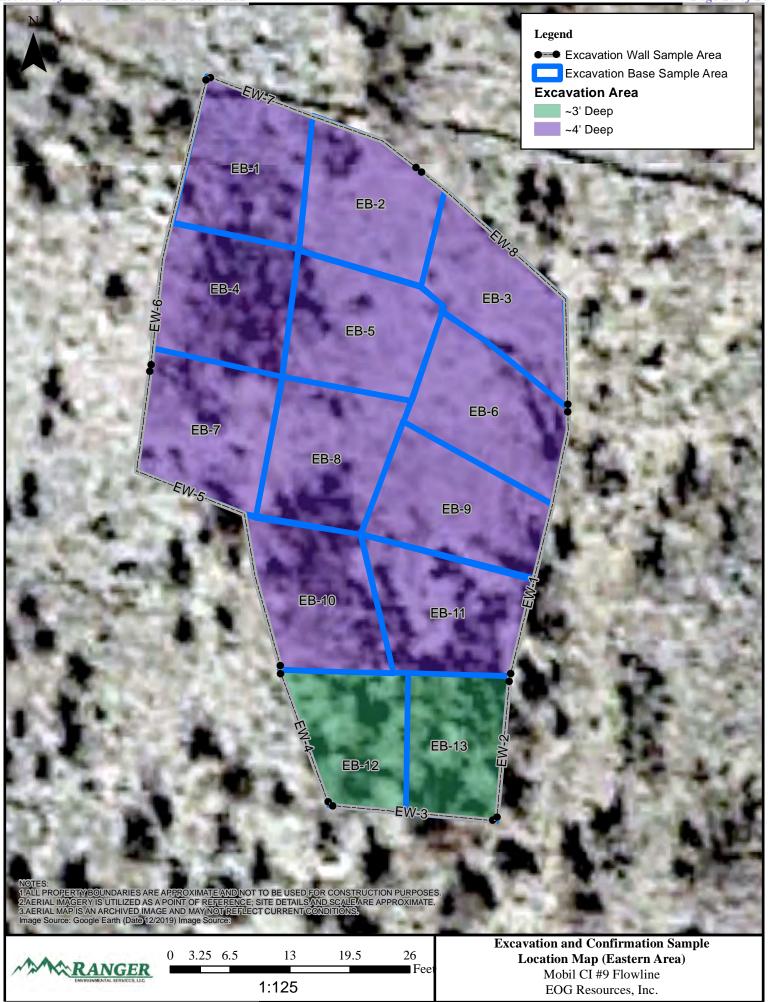


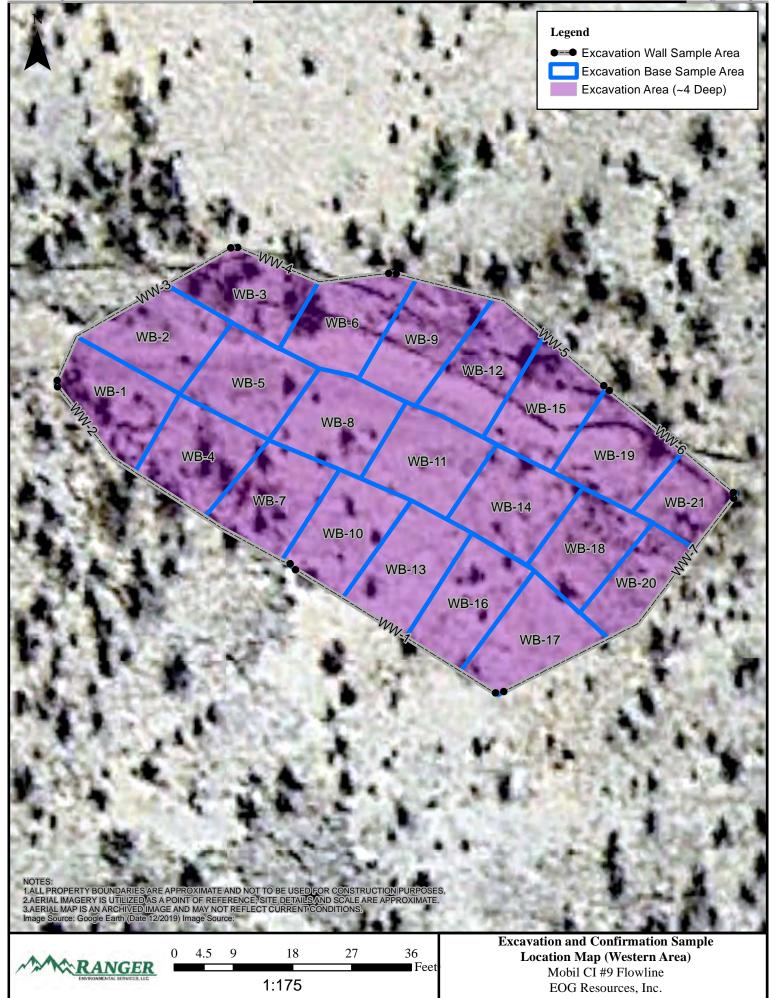












TABLES

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 vali	ues presente	d in parts	per mı	llion (mg/Kg)	

	1			All Vall	ues presente	u 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)	С
PTH-1/1	6/23/2022	1'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	57	150	57	210	L
PTH-1/4	6/23/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	230	700	230	930	
PTH-1/10	6/23/2022	10'	<0.025	<0.050	< 0.050	<0.10	<0.10	<5.0	37	<49	37	37	
PTH-1/16	6/23/2022	16'	<0.12	<0.24	<0.24	<0.47	<0.47	<24	50	<48	50	50	
PTH-2/3	6/23/2022	3'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<15	<50	<15	<50	1
PTH-2/4	6/23/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<15	<50	<15	<50	t
											1		1
PTH-3/3 PTH-3/4	6/23/2022 6/23/2022	3' 4'	<0.024 <0.023	<0.048 <0.047	<0.048 <0.047	<0.096 <0.094	<0.10 <0.09	<4.8 <4.7	89 210	310 640	89 210	399 850	+
1 111-5/4	0/23/2022	4	CO.023	CO.047	VO.047	VO.034	VO.03	N4.1	210	040	210	030	_
PTH-4/1	6/23/2022	1'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	840	860	840	1,700	Π
PTH-4/4	6/23/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	120	320	120	440	
PTH-5/1	6/23/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<48	<15	<48	1
PTH-5/4	6/23/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.9	<14	<48	<14	<48	H
	1 0.20.202										1	1	1
PTH-6/1	6/23/2022	1'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<15	<49	<15	<49	
PTH-6/4	6/23/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<46	<14	<46	
PTH-7/3	6/23/2022	3'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<15	<50	<15	<50	ı
PTH-7/4	6/23/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.6	<14	<47	<14	<47	t
													_
PTH-8/0	6/24/2022	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<49	<15	<49	Ĺ
PTH-8/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<48	<14	<48	L
PTH-9/0	6/24/2022	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<47	<14	<47	Π
PTH-9/4	6/24/2022	4'	<0.023	<0.049	<0.049	<0.099	<0.10	<4.8	<14	<47	<14	<47	t
	'												
PTH-10/3	6/24/2022	3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	450	650	450	1,100	
PTH-10/4	6/24/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	720	980	720	1,700	<u> </u>
PTH-11/0	6/24/2022	0'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<49	<15	<49	Т
PTH-11/4	6/24/2022	4'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<14	<48	<14	<48	T
PTH-12/3	6/24/2022	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	L
PTH-12/4	6/24/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	1
PTH-13/3	6/24/2022	3'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<50	<15	<50	Ī
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	
										1	1	ı	
PTH-13A/5'	7/14/2022	5' 6'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	-
PTH-13A/6'	7/14/2022	0	<0.024	<0.047	<0.047	<0.095	<0.10	<4.7	<15	<50	<15	<50	<u> </u>
PTH-14/3	6/24/2022	3'	< 0.023	< 0.047	<0.047	< 0.093	<0.09	<4.7	<13	<42	<13	<42	Τ
PTH-14/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<14	<47	<14	<47	
DT11.45/0	0/04/0000		0.005	0.050	0.050	0.000	0.40		1 45	10		1 40	_
PTH-15/3 PTH-15/4	6/24/2022 6/24/2022	3' 4'	<0.025 <0.025	<0.050	<0.050 <0.050	<0.099 <0.099	<0.10	<5.0 <5.0	<15 <14	<49 <47	<15 <14	<49 <47	+
i III-10/4	U/24/2U2Z	-	\U.UZU	<0.050	\U.UUU	\U.U33	\0.10	₹3.0	\1 4	\41	<u></u>	\41	_
PTH-16/3	6/24/2022	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<46	<14	<46	L
PTH-16/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<13	<45	<13	<45	
DTH_17/2	6/24/2020	21	~n noo	-0.04e	ZO 046	~0.000	~0 nn	-4.6	-1.4	-10	-1.4	-10	1
PTH-17/3 PTH-17/4	6/24/2022	3' 4'	<0.023 <0.024	<0.046	<0.046 <0.048	<0.092 <0.095	<0.09	<4.6 <4.8	<14 79	<46 190	<14 79	<46 269	t
		· · · · · · · · · · · · · · · · · · ·											_
PTH-18/3	6/24/2022	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<13	<43	<13	<43	
PTH-18/4	6/24/2022	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<14	<47	<14	<47	L
PTH-19/3	6/24/2022	3'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<48	<15	<48	П
PTH-19/3	6/24/2022	4'	<0.024	<0.048	<0.048	<0.10	<0.10	<5.0	<14	<48	<14	<48	H
									•		•		_
PTH-20/3	6/24/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<46	<14	<46	Ĺ
PTH-20/4	6/24/2022	4'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<47	<14	<47	
PTH-21/3	6/24/2022	3'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<48	<15	<48	1
PTH-21/4	6/24/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.8	<14	<47	<14	<47	H
													_
PTH-22/0	6/24/2022	0'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<45	<14	<45	
PTH-22/4	6/24/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<15	<51	<15	<51	<u> </u>
PTH-23/1	6/24/2022	1'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<45	<14	<45	
PTH-23/1 PTH-23/4	6/24/2022	4'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7 <5.0	<14	<45 <47	<14	<45 <47	t
PTH-24/3	6/24/2022	3'	<0.024	< 0.049	< 0.049	<0.098	<0.10	<4.9	<14	<47	<14	<47	Γ
PTH-24/4													

600

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)	CHLORIDI
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
15.29.12 NMAC Table 1 Impacted by a Re			10				50			_	1,000	2,500	20,000

Notes:

19.15.29.13 NMAC Reclamation Criteria

50³

^{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)

			ı	All valu	les presente	d in parts pei	million (mg	/Kg)	Time to the second seco	ı	ı	TPH	ı
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)	(GRO+DRO+	CHLORID
estern Excavation Area So	il Samples				<u>'</u>					<u>'</u>	,	,	
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' 4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<48	<14	<48	120
WB-16 WB-17	10/20/2022 10/20/2022	4'	<0.023 <0.024	<0.046 <0.049	<0.046 <0.049	<0.093 <0.097	<0.09 <0.10	<4.6 <4.9	<14 <14	<48 <48	<14 <14	<48 <48	<61 <60
WB-17	10/20/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9 <4.9	<14	<46 <45	<14	<46 <45	<60
WB-19	10/20/2022	4'	<0.025	<0.049	<0.049	<0.096	<0.10	<4.9	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
			I	I	I	I.		1		I	1	ı	ı
stern Excavation Area Soi			,	,	,	,				,	,		
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'-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 <0.024	<0.048	<0.048 <0.048	<0.096	<0.10	<4.8 <4.8	54 37	97 92	54 37	150 129	<60
EW-8	11/3/2022	0-4	<0.024	<0.048	<0.046	<0.096	<0.10	<4.0	31	92	31	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			10				50				1,000	2,500	20,000
Impacted by a Rele	-	-	10	_			50	_			1,000	2,300	20,000
19.15.29.13 NMAC Re	eclamation Crit Is Only)	eria	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.

Page 1 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

IGNATION: SB-1

PROJECT NAME: Mobil CI Battery HOLE DESIGNATION: SB-1
PROJECT NUMBER: 12579882 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 SAMPLE DEPTH DEPTH STRATIGRAPHIC DESCRIPTION & REMARKS MONITORING WELL BGS ft BGS CHLORIDE (mg/kg) NTERVAL NUMBER REC (%) Partially Consolidated Caliche with sand, light grey, dry 9/6/22 - 5 Date: - 10 **OVERBURDEN LOG** - 15 5000 19.00 CALICHE GRAVEL, with fine to medium sand - 20 and rock gravel, light grey GHD ENVIRO V06.GLB - 25 - 30 30.00 SP-SAND, fine to medium grained sand, light E brown to reddish, dry - 35 LOGS.GPJ -40 NGHDNET\GHD\US\MIDLAND\PROJECTS\662\12579882\TECH\GINT LOGS\12579882 - 45 - light brown at 45.00ft BGS - 50 - 55 - 60 - 65 NOTES:

Page 2 of 2

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

SB-1 HOLE DESIGNATION:

PROJECT NAME: Mobil CI Battery PROJECT NUMBER: 12579882 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 SAMPLE DEPTH **DEPTH** STRATIGRAPHIC DESCRIPTION & REMARKS MONITORING WELL BGS ft BGS CHLORIDE (mg/kg) NUMBER NTERVAL REC (%) - with gravel at 70.00ft BGS 9/6/22 - 75 Date: OVERBURDEN LOG - 80 |-- 85 CL-SANDY CLAY, light brown to brown, slightly Report: moist - 90 GHD ENVIRO V06.GLB | 95 - 100 Library File: 2" Ø Screen - 105 LOGS.GPJ 109.00 END OF BOREHOLE @ 109.00ft BGS - 110 WELL DETAILS \\GHDNET\GHD\US\\MIDLAND\PROJECTS\562\12579882\TECH\GINT LOGS\12579882 Screened interval: 99.00 to 109.00ft BGS Length: 10ft Diameter: 2in --- 115 NOTE: This well was plugged and abandoned. - 120 - 125 - 130 NOTES: Temp Well Gauged on May 11, 2022 and no groundwater was detected. Temp well was plugged and abandoned.

STRATIGRAPHIC AND INSTRUMENTATION LOG (BEDROCK)

Page 1 of 2

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	I: Eddy County, New Mexico		FIELD PE	RSON	INEL: L. Mullins				
DRILLING	CONTRACTOR: HCI Drilling		DRILLER:	K. Co	ooper				_
DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS		DEPTH BGS	M	ONITORING WELL	RUN	CORE RECOVERY %	RQD %	
				F		NUM	CO RECOV	RQI	
	SP-SAND, fine to medium grained sand, with partially consolidated caliche, interbedded throughout								
5	·								
10									
45									
15									
20									
25									
30									
	- light brown to reddish at 32.00ft BGS								
35									
40									
45									
50	 with partially consolidated sandstone at 47.00ft BGS 								
55									
60									
65									
NC NC	DTES:	r · · · · l	<u> </u>		1			1	

File: \(GHDNET\GHD\US\\MIDLAND\PROJECTS\662\12579884TECH\GNTLOGS\12579884 LOGS\GPU \LIbrary File: \GHD\ENVIRO_V06\GLB Report: \(BEDROCK LOG Date: 9)\(6)\(12579884 LOGS\GPU \)

Page 2 of 2

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

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS		DEPTH BGS	MONITORING WELL	RUN	CORE RECOVERY %	RQD %
75 80 85 90	CL-SANDY CLAY, grey, dry - slightly moist at 75.00ft BGS		70.00			···	
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			
120				NOTE: This well was plugged and abandoned.			
125							
130							
135							
	OTES: Temp Well Gauged on May 11, 2022 and no gr	- Cunduus		tested Temp well was plugged	and abo		4



New Mexico Office of the State Engineer

Point of Diversion Summary

19S 25E

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

4 05

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

RA 05331

546308 3616955*

Driller License:

353

Driller Company:

OSBOURN DRILLING & PUMP CO.

Driller Name:

Drill Start Date: 04/05/1967

5.50

Drill Finish Date:

04/13/1967

Plug Date:

Log File Date:

04/17/1967

PCW Rcv Date:

Depth Well:

Source:

Shallow

Pump Type: Casing Size:

Pipe Discharge Size:

460 feet

Estimated Yield: Depth Water:

305 feet

Water Bearing Stratifications:

Top Bottom Description

328

Limestone/Dolomite/Chalk

398

Other/Unknown

Casing Perforations:

Top Bottom

400 440

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

11/30/21 3:23 PM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help





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)





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

and st

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 3:24:46 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 1 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	490	60	mg/Kg	20	6/30/2022 3:37:10 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 2 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	640	60	mg/Kg	20	6/30/2022 4:14:24 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 3 of 76

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					Analys	t: NAI
Chloride	520	60	mg/Kg	20	6/30/2022 4:26:49 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 4 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 4:39:13 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 5 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 4:51:37 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 6 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 5:04:02 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	: 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					Analys	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					Analys	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.

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

Page 7 of 76

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					Analys	t: NAI
Chloride	ND	61	mg/Kg	20	6/30/2022 5:16:26 PM	68470
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 8 of 76

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					Analys	t: NAI
Chloride	ND	61	mg/Kg	20	6/30/2022 5:53:38 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 9 of 76

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					Analys	t: NAI
Chloride	ND	59	mg/Kg	20	6/30/2022 6:06:02 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 10 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 6:43:16 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 11 of 76

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 6:55:41 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 76

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					Analys	t: NAI
Chloride	130	60	mg/Kg	20	6/30/2022 7:08:05 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 13 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	67	60	mg/Kg	20	6/30/2022 7:45:17 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 14 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 7:57:41 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	:: 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					Analys	: 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					Analys	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.
- 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

Page 15 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	640	60	mg/Kg	20	6/30/2022 8:10:05 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 16 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	1300	60	mg/Kg	20	6/30/2022 8:22:30 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 17 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	2000	60	mg/Kg	20	6/30/2022 8:34:54 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 18 of 76

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.
- 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

Page 19 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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 ORG	SANICS				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.
- 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

Page 20 of 76

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					Analys	: NAI
Chloride	330	60	mg/Kg	20	6/30/2022 10:01:44 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	:: 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					Analys	: 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					Analys	: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 21 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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.
- 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

Page 22 of 76

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						Analys	: NAI
Chloride	ND	60		mg/Kg	20	6/30/2022 10:26:32 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	t: 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						Analys	: 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						Analys	: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 23 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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 ORG	GANICS				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.
- 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

Page 24 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	: NAI
Chloride	ND	60	mg/Kg	20	6/30/2022 10:51:21 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: 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					Analys	: 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					Analys	: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 25 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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.
- 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

Page 26 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: LRN
Chloride	ND	60	mg/Kg	20	7/1/2022 2:15:48 PM	68475
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 27 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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

Page 28 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: LRN
Chloride	200	59	mg/Kg	20	7/1/2022 2:40:36 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: 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					Analys	t: 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					Analys	t: 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.

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

Page 29 of 76

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	t: 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	t: 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	t: 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.
- 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

Page 30 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	: LRN
Chloride	ND	60	mg/Kg	20	7/1/2022 3:30:14 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 31 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: LRN
Chloride	ND	60	mg/Kg	20	7/1/2022 4:19:51 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 32 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: LRN
Chloride	ND	59	mg/Kg	20	7/1/2022 4:32:15 PM	68503
EPA METHOD 8015M/D: DIESEL RANGE ORG				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 33 of 76

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.
- 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

Page 34 of 76

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.
- 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

Page 35 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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.
- 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

Page 36 of 76

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					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	7/5/2022 1:09:31 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: 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					Analys	: 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					Analys	t: 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.
- 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

Page 37 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	7/5/2022 1:46:46 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 38 of 76

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	t: NAI
Chloride	2700	150	mg/Kg	50	7/6/2022 10:42:34 AM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	t: 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	t: 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	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 39 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	2200	150	mg/Kg	50	7/6/2022 10:54:58 AM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 40 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: JMT
Chloride	170	60	mg/Kg	20	7/5/2022 2:23:58 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 41 of 76

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						Analys	t: JMT
Chloride	280	60		mg/Kg	20	7/5/2022 2:36:22 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	t: 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						Analys	t: 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						Analys	t: 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.
- 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

Page 42 of 76

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					Analys	t: JMT
Chloride	98	60	mg/Kg	20	7/5/2022 2:48:47 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	: 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					Analys	: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 43 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: JMT
Chloride	110	60	mg/Kg	20	7/5/2022 3:01:11 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	: 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					Analys	: 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.
- 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

Page 44 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	:: JMT
Chloride	430	60	mg/Kg	20	7/5/2022 3:13:36 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	:: 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					Analys	: 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					Analys	: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 45 of 76

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 ORG	ANICS				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.
- 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

Page 46 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	7/5/2022 3:38:25 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 47 of 76

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					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	7/5/2022 4:15:39 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 48 of 76

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					Analys	t: NAI
Chloride	2100	150	mg/Kg	50	7/6/2022 11:07:22 AM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 49 of 76

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					Analys	t: JMT
Chloride	300	60	mg/Kg	20	7/5/2022 4:40:28 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 50 of 76

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					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	7/5/2022 4:52:52 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 51 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	7/5/2022 5:05:17 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 52 of 76

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					Analys	t: JMT
Chloride	2200	61	mg/Kg	20	7/5/2022 5:17:42 PM	68537
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 53 of 76

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					Analys	: NAI
Chloride	1800	60	mg/Kg	20	7/5/2022 2:16:48 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 54 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	7/5/2022 3:18:49 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 55 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	7/5/2022 3:31:13 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 56 of 76

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	7/5/2022 3:43:38 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 57 of 76

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					Analys	t: NAI
Chloride	120	61	mg/Kg	20	7/5/2022 3:56:03 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 58 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	7/5/2022 4:08:27 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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

Page 59 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	: NAI
Chloride	ND	60	mg/Kg	20	7/5/2022 4:20:51 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: 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					Analys	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					Analys	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.
- 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

Page 60 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	180	60	mg/Kg	20	7/5/2022 4:33:16 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: 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					Analys	t: 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					Analys	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 61 of 76

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					Analys	t: NAI
Chloride	280	60	mg/Kg	20	7/5/2022 4:45:40 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 62 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	210	60	mg/Kg	20	7/5/2022 8:16:34 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 63 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	: NAI
Chloride	470	60	mg/Kg	20	7/5/2022 5:22:53 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	:: 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					Analys	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					Analys	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.
- 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

Page 64 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	230	60	mg/Kg	20	7/5/2022 5:35:17 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 65 of 76

Date Reported: 7/14/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	t: NAI
Chloride	560	60	mg/Kg	20	7/5/2022 5:47:41 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 66 of 76

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	7/5/2022 6:00:05 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 67 of 76

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					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	7/5/2022 6:12:29 PM	68541
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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					Analys	t: 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					Analys	t: 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.
- 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

Page 68 of 76

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 TestCode: EPA Method 300.0: Anions SampType: Ics Client ID: LCSS Batch ID: 68470 RunNo: 89170 Prep Date: 6/30/2022 Analysis Date: 6/30/2022 SeqNo: 3169262 Units: mg/Kg **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD 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 Analysis Date: 6/30/2022 Prep Date: 6/30/2022 SeqNo: 3169291 Units: mg/Kg Result POI SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte I owl imit HighLimit

Chloride ND 1.5

Sample ID: LCS-68475 SampType: Ics 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: Ics 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

Page 69 of 76

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG
Project: Mobil CI 9

PBS

Client ID:

Sample ID: MB-68537 SampType: mblk TestCode: EPA I

TestCode: EPA Method 300.0: Anions

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: Ics 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 **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

Chloride 14 1.5 15.00 0 92.8 90 110

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

Chloride ND 1.5

Sample ID: LCS-68541 SampType: Ics 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

Page 70 of 76

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64** *14-Jul-22*

Client: EOG
Project: Mobil CI 9

Sample ID: MB-68456	SampT	уре: МЕ	BLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 684	456	F	RunNo: 89	166				
Prep Date: 6/29/2022	Analysis D	ate: 6/	30/2022	9	SeqNo: 31	69231	Units: mg/K	g		
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	SampT	ype: LC	s	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 684	456	F	RunNo: 89	166				
Prep Date: 6/29/2022	Analysis D	ate: 6/ 3	30/2022	9	SeqNo: 31	69234	Units: mg/K	g		
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	SampT	уре: МЕ	BLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 684	457	F	RunNo: 89	114				
Prep Date: 6/29/2022	Analysis D	ate: 7/	1/2022	5	SeqNo: 31	71691	Units: mg/K	g		
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 ND	15 50								
			10.00		99.6	51.1	141			
Motor Oil Range Organics (MRO)	ND 10			Tes			141 8015M/D: Di e	sel Range	Organics	
Motor Oil Range Organics (MRO) Surr: DNOP	ND 10 SampT	50	s			A Method		sel Range	Organics	
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457	ND 10 SampT	50 ype: LC ID: 68 4	S 457	F	tCode: EP	PA Method		_	Organics	
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457 Client ID: LCSS	ND 10 SampTy Batch	50 ype: LC ID: 68 4	S 457 1/2022	F	tCode: EP	PA Method	8015M/D: Die	_	Organics RPDLimit	Qual
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457 Client ID: LCSS Prep Date: 6/29/2022	ND 10 SampT; Batch Analysis Da	50 ype: LC ID: 68 4 ate: 7 /	S 457 1/2022	F	tCode: EP RunNo: 89 SeqNo: 31	PA Method 9114 971692	8015M/D: Die	g	-	Qual
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457 Client ID: LCSS Prep Date: 6/29/2022 Analyte	ND 10 SampTy Batch Analysis Da	50 ype: LC ID: 68 4 ate: 7 /	\$ 457 1/2022 SPK value	SPK Ref Val	tCode: EP RunNo: 89 SeqNo: 31 %REC	PA Method 0114 171692 LowLimit	8015M/D: Die Units: mg/K HighLimit	g	-	Qual
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457 Client ID: LCSS Prep Date: 6/29/2022 Analyte Diesel Range Organics (DRO)	SampTy Batch Analysis Dane Result 49 5.2	50 ype: LC ID: 68 4 ate: 7 /	\$ 457 1/2022 SPK value 50.00 5.000	SPK Ref Val	tCode: EP RunNo: 89 SeqNo: 31 %REC 98.8 104	PA Method 9114 171692 LowLimit 64.4 51.1	8015M/D: Die Units: mg/K HighLimit 127	g %RPD	RPDLimit	Qual
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457 Client ID: LCSS Prep Date: 6/29/2022 Analyte Diesel Range Organics (DRO) Surr: DNOP	SampTy Batch Analysis De Result 49 5.2 SampTy	50 ype: LC ID: 68 4 ate: 7 / PQL 15	\$ 1457 1/2022 SPK value 50.00 5.000	SPK Ref Val 0	tCode: EP RunNo: 89 SeqNo: 31 %REC 98.8 104	PA Method 9114 71692 LowLimit 64.4 51.1	8015M/D: Die Units: mg/K HighLimit 127 141	g %RPD	RPDLimit	Qual
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457 Client ID: LCSS Prep Date: 6/29/2022 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-68510	SampTy Batch Analysis De Result 49 5.2 SampTy	50 ype: LC ID: 684 ate: 7/ PQL 15 ype: LC	\$ 457 1/2022 SPK value 50.00 5.000	SPK Ref Val 0	tCode: EP RunNo: 89 SeqNo: 31 %REC 98.8 104 tCode: EP	PA Method 0114 171692 LowLimit 64.4 51.1 PA Method	8015M/D: Die Units: mg/K HighLimit 127 141	g %RPD sel Range	RPDLimit	Qual
Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-68457 Client ID: LCSS Prep Date: 6/29/2022 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-68510 Client ID: LCSS	SampTy Batch Analysis Do Result 49 5.2 SampTy Batch	50 ype: LC ID: 684 ate: 7/ PQL 15 ype: LC	\$ 457 1/2022 SPK value 50.00 5.000	SPK Ref Val 0	tCode: EP RunNo: 89 SeqNo: 31 %REC 98.8 104 tCode: EP RunNo: 89	PA Method 0114 171692 LowLimit 64.4 51.1 PA Method	8015M/D: Die Units: mg/K HighLimit 127 141 8015M/D: Die	g %RPD sel Range	RPDLimit	Qual

Qualifiers:

Surr: DNOP

- 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

4.0

B Analyte detected in the associated Method Blank

81.0

51.1

141

E Estimated value

5.000

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 71 of 76

Hall Environmental Analysis Laboratory, Inc.

Analysis Date: 7/5/2022

PQL

15

50

Result

ND

ND

8.7

2206E64

WO#:

14-Jul-22

Client: EOG
Project: Mobil CI 9

Sample ID: LCS-68511	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 685	511	F	RunNo: 8	9240				
Prep Date: 7/1/2022	Analysis D	ate: 7/	5/2022	9	SeqNo: 3	172709	Units: mg/K	g		
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	SampT	уре: МВ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 685	510	F	RunNo: 8	9240				
Prep Date: 7/1/2022	Analysis D	ate: 7/5	5/2022	5	SeqNo: 3	172710	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Notor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		90.1	51.1	141			
Sample ID: MB-68511	SampT	уре: МВ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 685	511	F	RunNo: 89	9240				

SPK value SPK Ref Val %REC

10.00

SeqNo: 3172711

87.3

LowLimit

51.1

Units: mg/Kg

141

%RPD

RPDLimit

Qual

HighLimit

Qualifiers:

Prep Date:

Surr: DNOP

Analyte

7/1/2022

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

- 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

Page 72 of 76

Hall Environmental Analysis Laboratory, Inc.

2200

WO#: **2206E64**

Qual

S

%RPD

RPDLimit

Client: EOG
Project: Mobil CI 9

Surr: BFB

 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

%REC

221

LowLimit

37.7

HighLimit

212

SPK Ref Val

 Analyte
 Result
 PQL

 Gasoline Range Organics (GRO)
 ND
 5.0

Surr: BFB 1000 1000 101 37.7 212

SPK value

1000

Sample ID: Ics-68422 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 68422 RunNo: 89130 Analysis Date: 6/29/2022 Prep Date: 6/28/2022 SeqNo: 3167030 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC I owl imit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 28 25.00 72.3 137 5.0

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

Sample ID: Ics-68425 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 68425 RunNo: 89164 Prep Date: Analysis Date: 6/30/2022 SeqNo: 3169057 6/28/2022 Units: mg/Kg Result POI 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 TestCode: EPA Method 8015D: Gasoline Range SampType: MBLK Client ID: **PBS** Batch ID: 68425 RunNo: 89164 Prep Date: 6/28/2022 Analysis Date: 6/30/2022 SeqNo: 3169058 Units: mg/Kg SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Analyte Result PQL %REC LowLimit 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

Page 73 of 76

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64** *14-Jul-22*

Client: EOG
Project: Mobil CI 9

Sample ID: mb-68425

Trojecti Moon Cry

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: Ics-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) 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

Page 74 of 76

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG
Project: Mobil CI 9

Sample ID: mb-68422 Client ID: PBS	•	Гуре: МЕ h ID: 68 4			tCode: EF RunNo: 8 9		8021B: Volati	les		
Prep Date: 6/28/2022	Analysis [SeqNo: 3		Units: mg/K	g		
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	Samp	ype: LC	LCS TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batcl	n ID: 68 4	122	F	RunNo: 89	9130				
Prep Date: 6/28/2022	Analysis [Date: 6/2	29/2022	5	SeqNo: 31	167078	Units: mg/K	g		
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	Samp1	ype: MB	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	n ID: 68 4	134	F	RunNo: 89	9163				
Prep Date: 6/29/2022	Analysis D	Date: 6/3	30/2022	5	SeqNo: 3	169011	Units: mg/K	g		
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	SampT	Гуре: LC :	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	h ID: 684	34	F	RunNo: 89	9163				
Prep Date: 6/29/2022	Analysis D	Date: 6/3	30/2022	5	SeqNo: 31	169012	Units: mg/K	g		
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

Page 75 of 76

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206E64**

14-Jul-22

Client: EOG
Project: Mobil CI 9

Sample ID: Ics-68425	SampT	SampType: LCS TestCode: EPA Method			8021B: Volat	iles				
Client ID: LCSS	Batch	n ID: 684	25	F	RunNo: 8	9164				
Prep Date: 6/28/2022	Analysis D	oate: 6/3	30/2022	5	SeqNo: 3	169101	Units: mg/K	(g		
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	Samp1	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	n ID: 68 4	125	F	RunNo: 89	9164				
Prep Date: 6/28/2022	Analysis D	Date: 6/3	30/2022	5	SeqNo: 3	169102	Units: mg/K	g		
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: Ics-68435	Samp1	ype: LC :	e: LCS TestCode: EPA Method 8				8021B: Volati	les		
Client ID: LCSS	Batcl	n ID: 684	135	F	RunNo: 89	164				
Prep Date: 6/29/2022	Analysis D	Date: 6/3	30/2022	5	SeqNo: 31	69125	Units: mg/K	g		
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	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	od 8021B: Volatiles				
Client ID: PBS	Batcl	n ID: 68 4	135	F	RunNo: 89	9164					
Prep Date: 6/29/2022	Analysis D	Date: 6/ 3	30/2022	5	SeqNo: 31	169126	Units: mg/K	g			
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.
- 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

Page 76 of 76



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 C	Order Number: 2206E64		RcptNo	o; 1
Received By: Desiree Dominguez 6/28/2022	2 8:00:00 AM	TD3		
Completed By: Sean Livingston 6/28/2022	2 8:27:15 AM	5./	n-L	
Reviewed By: KPG 628 23			135	
Chain of Custody				
1. Is Chain of Custody complete?	Yes 🗸	No 🗌	Not Present	
2. How was the sample delivered?	Courier			
<u>Log In</u>				
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 VO	A? Yes 🗌	No 🗆	NA 🗹	
Were any sample containers received broken?	Yes	No 🔽	# of preserved	
Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🔽	No 🗆	bottles checked for pH:	r >12 unless noted)
2. Are matrices correctly identified on Chain of Custody?	Yes 🔽	No 🗌	Adjusted?	
3. Is it clear what analyses were requested?	Yes 🗸	No 🗆		
 Were all holding times able to be met? (If no, notify customer for authorization.) 	Yes 🗸	No 🗆	Checked by:	Jn6/18/2
pecial Handling (if applicable)		1		
5. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗌	NA 🔽	
Person Notified:	Date:			
By Whom:	Via: eMail P	hone Fax	In Person	
Regarding:				
Client Instructions:				
6. Additional remarks: Sample 614 pa	scible made	1:401 -	tration.	ja6/28/22
7. Cooler Information				
	Seal No Seal Date	Signed By		
1 5.6 Good				

Client: EOG-Artesia / Ranger Env.						
	□ Standard	Å Rush	A Rush 5 day TAT		ANALYSTS I AROPATODY	HALL ENVIKONMENTAL ANALYSIS I ABODATODY
	Project Name:				Manus hallonwiropmontal com	100 PAIO 101
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Mobil	0# to		4901 H	4901 Hawkins NF - Alburinerun NM 87109	IB NM 87109
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	2		Tel. 50	Tel. 505-345-3975 Fax 505-	505-345-4107
Phone #: 521-335-1785					Analysis	uest
email or Fax#: Will@RangerEnv.com	Project Manager:	ger: W. Kierdorf	orf	(
QA/QC Package: ■ Standard □ Level 4 (Full Validation)				OAM\(
Accreditation:	Sampler: W.	/Cennedy	F. J. Martinez			
■ EDD (Type) Excel	# of Coolers:			SRC		
	Cooler Temp((including CF): 5	7-0,1=5,6%	2D(c		
Date Time Matrix Sample Name	Container Type and #	Preservative Type	HEAL NO.	B) X3T8 TPH:801		
6/23/2 0035 Soil 74-1/01	1 x yes Tex	TILE	100	ナメメ		
1 0841 1 74.14			200	1		
1 6853 THUR 3			003			
0/6-47 0/00			P00			
0930 14-3/0			500			
1 8924 TH-3/2			300			
0/1-11			400			
6946 74-4/2			800			
0/5-44 2/0			600			
093 TH-5/2			00			
1 100K 1 TH- 6/10			011			
1 1012 1 14.00	7	7	210	717		
Time: Relinquished by:	Received by:	Via:	Date Time	Remarks: Bill	Remarks: Bill to EOG Artesia	
Cather 15/7 1. Carlot Deliverieted by:	Control by:	S. S.	1) SISI SE TIME			
Man (Plan)	8	Courier	à	8		

DIODE CHONOLOGIC	- all - piloal a lille.	;			
Client: EOG-Artesia / Ranger Env.	☐ Standard	Rush	5-day TAT		HALL ENVIRONMENTAL
	Project Name:				AIMALTSIS LABORATORY
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210)*W	1	540	7007	www.nailerivironmental.com
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	75	+	1 10 1	Tal FOE 245 2075
Phone #: 521-335-1785				- CE CE.	Analysis Request
email or Fax#: Will@RangerEnv.com	Project Mana	Project Manager: W. Kierdorf	orf		
QA/QC Package: Standard Level 4 (Full Validation)		1		(OAM \	
Accreditation: Az Compliance NELAC Other	Sampler: ∖⊘.	1/Cechroly	(J. Martine		
■ EDD (Type) Excel	# of Coolers:	-		эвс	
	Cooler Temp(including CF): S	(including CF): 5, 7	7-0,1=5,6%	2D(0	
Date Time Matrix Sample Name	Container Type and #	Preservative Type	HEAL No.	B) X3T8 108:H9T Chloride	
(0)35/2 Soil 1034 74. 7/2	1x 402 IN	工厂后	810	メメ	
7 1 1 1 1 1 1 1 1 1	-	-	014)	
1102 PTH-1/2			Sio		
110g at - +10			50		
1156 PTH-7/10			4,00		
1402 PM: 1/16			614		
1430 PTH-8/3			910		
1439 PTH-2/4			CLO		
1458 PT4-3, 13			120		
41/5-4179 DOZI	_		270		
T/5-412 CESI			520		
1111	7	7	770		
Date: Time: Relinquished by:	Received by:	Via:	Date Time	Remarks: Bill	Remarks: Bill to EOG Artesia
13	C MULL	3	1/21/22 (5/5)		
Williams I Gran Marin and St.	received by.	, de .	5		
)	(こくこ イントング		

		5:000: (5:000 : : : : : : : : : : : : : : : : :	5					2000
Client: EOG-Artesia / Ranger Env	tesia / Ra	inger Env.	□ Standard	⊉ Rush	5 day TAT		ANAI YETE I ABODATODY	AL
			Project Name				Manufalloning Laboration	7
Mailing Address:	E0G - 10	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	M	Mobil CE -	5#	4901 H	www.rianerivirorinerical.com	
Ranger: PO Box 201179, Austin TX 78720	201179, A	Austin TX 78720	Project #: 537	5		Tel. 50	505-345-3975 Fax 505-345-4107	
Phone #: 521-335-1785	35-1785						Analysis	
email or Fax#: Will@RangerEnv.com	Will@Rar	igerEnv.com	Project Manager:	ger: W. Kierdorf	J.	(-
QA/QC Package:		☐ Level 4 (Full Validation)				O N MRO		
Accreditation:	☐ Az Cor☐ Other_	☐ Az Compliance ☐ Other	Sampler: \N On Ice:	/ Kennell	6 J. Marking			
■ EDD (Type)	Excel		# of Coolers:	1		380		-
			Cooler Temp	(including CF): 5,7	-0.1=5.6%	2D(C		
Date Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	8) X3T8 r08:H9T Chloride		
(423/22 1539	Sof	PT+5/1	1x Yoz. Jag	10百	520	2 2		
1 1545		PTH-5/4	Ţ		270			
1017		PTH-6/1			420			
1,623		PTH-0/4			620			
1636		PH-4/3			620			
4 1637	_	ナノナーキム			0%			
5)460		PTH-8/0			150			
09700		1/8- the			220			
09/20	_	PTH-910			033			
0934		10-46			034			
4460		PTH- 10/3			500			
7 88	<u> </u>	7/01-44	7	1	200	F1711		
Date: Time:	Relinquished by:	ed by:	Received by:	Via:		Kemarks: Bill	Remarks: Bill to EOG Artesia	
6/24/20 15/4	3	(come)	Chur	, 8	0/27/32 1515			
Date: Time:	Relinquished by	led by:	Received by:	Via:	Date Time			
89/8/88	A. A.			Par Lie	10 178/22 8:00			

Client: EOG-Artesia / Ranger Env.	esia / Ra		Standard		# Rush 5-day TAT		HALL ENVIRONMENTAL ANALYSIS LABODATODY
			Project Name				O Company to the company of the comp
Mailing Address: E	EOG - 105	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210		+	5.	4 4001 H	www.nallelivilolilielial.com
Ranger: PO Box 201179, Austin TX 78720	01179, A	ustin TX 78720	Project #: 537	75		Tel 50	505-345-3975 Fax 505-345-4107
Phone #: 521-335-1785	35-1785		Γ				Inal
email or Fax#: Will@RangerEnv.com	Vill@Ran	igerEnv.com	Project Mana	Project Manager: W. Kierdorf	ıf.	(
QA/QC Package: Standard		☐ Level 4 (Full Validation)				O J M RO	
Accreditation:	□ Az Cor	□ Az Compliance □ Other	Sampler: ∖\). On Ice:	Lounnaly &	J. Martinez		
■ EDD (Type)_	Excel		olers	1		эвс	
			Cooler Temp(including CF). S	(including CF): 5.7	201521.0-)QS	
Date Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	B) X3T8 TPH:801 Chloride	
(4/24/2 OFFZ	505	PTH-11/0	14462. Jay	200	400	X	
0958		PTH-11/4	1	$\overline{}$	073		
9001	-	PH-12/5			039		
1004		PTH- 12/4			000		
(025		DTH- 13/3			140		
<u>খ</u> েও)		PTH-13/4			242		
649		PTH - 14 /3			500		
9,601		PTH-14/4			5044		
1054		PTH-15/13			5)50		
1(00		P/151-HTG			27.0		
711.		PTH-10/3			400		
114	7	11,91- HLd	7	ð	278	909	
Date: Time:	Relinquished by:	ed by:	Received by:	Via:	Date Time	Remarks: Bill	Remarks: Bill to EOG Artesia
Caryla 15/5	3	Krant H	Ollur	S	4		
Date: Time:	Relinquished by:	ed by:	Received by:	Via:	Date Time		
2001 48 18	1,11,	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		And City	C178172 8.70		

Sandard Rush Sanger Env. Sandard Rush Salary Rush	Chall-Ol-Custous	5	B						
Sample Name Project Name Project Name Project Name Project Name Project Name Project Name	Client: EOG-Ar	tesia / Ra	inger Env.	□ Standard		5 day TAT		ANAL ENVIRONMENT	TAL
Sampler W. Cooler Fronce W. Cooler Fronce W. Cooler Fronce W. Cooler Fronce				Project Nam				AINTEL STO LABORA	20
19 Project #: 5375 Project #: 5375 Project Wanager: W. Kierdorf Eax#: Will@RangerEnv.com Project Manager: W. Kierdorf Eax#: Will@RangerEnv.com Project Manager: W. Kierdorf Eax#: Will@RangerEnv.com Sampler: W. Kierdorf Sampler: W. Kierdo	Mailing Address:	EOG - 10	S 4th St, Artesia NM, 88210	>	2	67	4901 H	WWW. Talletivin Office (COLI)	
Sample Name Project Manager. W. Kierdorf Analysis	Ranger: PO Box	201179, A	rustin TX 78720	Project #: 53	75		Tel 50	5-345-3975 Fax 505-345-4107	
Sample No. C. C. C. C. C. C. C.	Phone #: 521-3	35-1785						Analysis	
and titon: □ Level 4 (Full Validation) and titon: □ Level 4 (Full Validation) Sampler: W. (Fringstyld & 3, Marthwrze Collect Street) Type) Excel Type Excel Type Forestria For	email or Fax#:	Will@Rar	igerEnv.com	Project Mana	ager: W. Kierdo	ıf			
Type Excel	QA/QC Package ■ Standard		☐ Level 4 (Full Validation)				(OAM / (
Type Excel	Accreditation:	□ Az Cc	ompliance r	2	Krungly RYES	& J. Martinez			
132 PTH - 19 / 9 PTH - 20 / 9	■ EDD (Type)	Excel		# of Coolers	_		эвс		
132 Soil PTH - 17 Sample Name Type and # Type T				Cooler Temp	Vincluding CF): 5.7	1=5)Q9		
1123 Soil PTH-173 1240 CG5 OHG 1134 PTH-12/4 050 1141 PTH-19/9 1141 PTH-19/9 1142 PTH-19/9 1152 PTH-20/4 053 1154 PTH-20/4 055 1157 PTH-20/4 PTH-20/4 055 1158 PTH-20/4 PTH-20		Matrix		Container Type and #	Preservative Type	HEAL No.	108:H9T		
34		Soci	11/	1x 465 3	(940			
	13	-	17.	_	4	050			
149 PTH - 19/4 053 053 054 054 054 054 054 055	1129		101-)50			
14 PTH - 19/3	1(80		1			. 250			
148	1/4		161-			053			
152 PTH - 20 / 2 055 057 0	2)/		-	_		920			
157 PTH - 20/4 O57	(152		108-	_		065			
157 PT 1-2 3 052 058 154 058 058 154 058 0	(33		-20/	-		050			
159 PT 11-9 4 058 1310 D7 11-9 6 055 1310 D7 11-9 Date Time Date Date Time	1157		1/2/	1		450			
13/0 DTH-32 O O O O O O O O O	1159		//			050			
19/4 PTH - 02	13.10		5	1	(550			
ime: Relinquished by: F W, C W Beceived by: Via: Date Time F F W W Received by: Via: Date Time W W W Received by: Via: Date Time W W W W Received by: Via: Date Time W W W W W W W W W	161 7		0- Hzd	1		979	ر ا ا		
ime: Relinquished by: Na: Received by: Via:	Date: Time:	Relinquish	led by:	Received by:		Date	Remarks: Bill	to EOG Artesia	
Time: Relinquished by: Via:	6) 7 14 15/1G	$\overline{}$	Commy	Church	3	the Le			
	- 6	C. M.	ag oò:	Received by.	Con Con	1			

Chain-or-Custody Record	I urn-Around Time:	a lime.			
Client: EOG-Artesia / Ranger Env.			W Rush 5. day 74+		HALL ENVIRONMENTAL
	Project Name:				ANALTSIS LABORATORY
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	8	Mobil a	っ井り	7007	www.hallenvironmental.com
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	375		T 102 T	₹
Phone #: 521-335-1785				nc lei on	Sub-345-3975 Fax 505-345-4107 Analysis Request
email or Fax#: Will@RangerEnv.com	Project Man	Project Manager: W. Kierdorf	orf		
QA/QC Package:				(ОЫ	
■ Standard □ Level 4 (Full Validation)	(W / (
Accreditation: Az Compliance NELAC Other	Sampler: N	X Yes	E J. Martings		
■ EDD (Type) Excel	# of Coolers:	_		оя	
	Cooler Temp	Cooler Temp(including CF): 5.	7-0,1=5,62	2D(C	
Date Time Matrix Sample Name	Container Type and #	Preservative Type	HEAL No.	8) X3TE FPH:801	
1320 So:1 23/102	1x you son	TCE	8	· ×	
7/22 183/			0,62		
136 24/2			500		
7/1/2			500		
1344 25/3			065		
1344 25/4			0000		
(3%)			0,67		
h/00 T 259	+	в	500	1	
P					
Date: Time: Relinquished by:	Received by:	Via:	Date Time	Remarks: Bill	
77.7 Time:	Received by:	Via:	- E		
Blast Ma Comme	Se Contraction of the Contractio	Courier	190 yeller		



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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

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

Hall Environmental Analysis Laboratory, Inc.

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 ORGA	NICS				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.
- 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

Page 1 of 20

Analytical Report

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

Hall Environmental Analysis Laboratory, Inc.

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 ORGA	NICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

Page 2 of 20

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

Page 3 of 20

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ID 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

Page 4 of 20

Analytical Report

Lab Order 2207812

Hall Environmental Analysis Laboratory, Inc. Date Reported: 7/29/2022

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

Page 5 of 20

Analytical Report

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

Hall Environmental Analysis Laboratory, Inc.

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 ORG	ANICS				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.
- 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

Page 6 of 20

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 ORG	ANICS				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.
- 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

Page 7 of 20

Analytical Report

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

Hall Environmental Analysis Laboratory, Inc.

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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

Page 8 of 20

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 ORG	ANICS				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.
- 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

Page 9 of 20

Analytical Report

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

Hall Environmental Analysis Laboratory, Inc.

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 ORG	ANICS				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.
- 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

Page 10 of 20

Analytical Report

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

Hall Environmental Analysis Laboratory, Inc.

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 ORG	ANICS				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.
- 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

Page 11 of 20

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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

Page 12 of 20

Analytical Report

Lab Order **2207812**

y, Inc. 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 Q	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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

Page 13 of 20

Hall Environmental Analysis Laboratory, Inc.

2207812

WO#:

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

SeqNo: 3192299 Prep Date: 7/20/2022 Analysis Date: 7/20/2022 Units: mq/Kq

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Chloride ND 1.5

Sample ID: LCS-68933 SampType: Ics 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

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

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: Ics 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

14 Chloride 1.5 15.00 n 96.5 90 110

Qualifiers:

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

Page 14 of 20

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 SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit 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 PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 46 15 50.00 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

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

141

Diesel Range Organics (DRO) ND 15 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 8.8 10.00 88.2 51.1

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

Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit

Diesel Range Organics (DRO) 46 64.4 15 50.00 92.3 127 Surr: DNOP 4.8 95.5 51.1 5.000 141

Qualifiers:

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

Page 15 of 20

Hall Environmental Analysis Laboratory, Inc.

2207812 29-Jul-22

WO#:

Client: EOG

Project: MOBIL CI 9

Sample ID: Ics-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

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result 0 Gasoline Range Organics (GRO) 26 5.0 25.00 103 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

Page 16 of 20

Hall Environmental Analysis Laboratory, Inc.

2207812 29-Jul-22

WO#:

Client: EOG

Project: MOBIL CI 9

Sample ID: Ics-68870 Client ID: LCSS	·	ype: LC			tCode: El		8021B: Volat	iles			
Prep Date: 7/18/2022	Analysis D				SeqNo: 3		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	Sample ID: mb-68870 SampType: MBLK					TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batc	h ID: 68	870	F	RunNo: 8	9653							
Prep Date: 7/18/2022	Analysis [Date: 7/	20/2022	SeqNo: 3191825 Units: mg/Kg				(g					
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
- 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

Page 17 of 20

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 82							iles Short	List	
Client ID: PTH-13A/6'	Batc	Batch ID: 68867 RunNo: 89621								
Prep Date: 7/18/2022	Analysis D	Date: 7/	19/2022	9	SeqNo: 3	190604	Units: mg/K	(g		
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	I Samp∃	Гуре: М	SD4	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: PTH-13A/6'	Batc	h ID: 68	867	F	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: Ics-68867	SampT	ype: LC	S4	Tes	8260B: Volat	iles Short	List					
Client ID: BatchQC	Batch	Batch ID: 68867 RunNo: 89621										
Prep Date: 7/18/2022	Analysis D	oate: 7/	19/2022	8	SeqNo: 3	190606	Units: mg/K	nits: 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

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

Page 18 of 20

Hall Environmental Analysis Laboratory, Inc.

0.51

2207812 29-Jul-22

WO#:

Client: EOG

Surr: Toluene-d8

Project: MOBIL CI 9

Sample ID: mb-68867 Client ID: PBS	SampType: MBLK Batch ID: 68867			TestCode: EPA Method 8260B: Volatiles Short List 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			

102

70

130

0.5000

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
- 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

Page 19 of 20

Hall Environmental Analysis Laboratory, Inc.

2207812 29-Jul-22

WO#:

Client: EOG

Project: MOBIL CI 9

Sample ID: Ics-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

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual 0 Gasoline Range Organics (GRO) 25 5.0 25.00 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

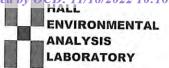
E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 20 of 20



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

EL: 303-345-39/5 FAX: 303-345-4107 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 Completed By: Isaiah Ortiz 7/16/2022 11:07:47 AM TO 07/14/2022 Reviewed By: Chain of Custody 1. Is Chain of Custody complete? No 🗌 Yes V Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V No 🗌 NA 🗌 Were all samples received at a temperature of >0° C to 6.0°C No 🗌 Yes V NA T Sample(s) in proper container(s)? Yes V No 🗌 6. Sufficient sample volume for indicated test(s)? Yes V No 🗌 7. Are samples (except VOA and ONG) properly preserved? Yes V No 🗌 8. Was preservative added to bottles? Yes No V NA 🗌 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No 🗌 NA V 10. Were any sample containers received broken? Yes No V # of preserved bottles checked 11. Does paperwork match bottle labels? Yes V No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless note 12. Are matrices correctly identified on Chain of Custody? Adjusted? No 🗌 Yes 🗸 13. Is it clear what analyses were requested? Yes V No 🗌 14. Were all holding times able to be met? Yes 🗸 Checked by: No 🗌 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes [No 🗌 NA V Person Notified: Date: By Whom: eMail Phone Fax In Person Via: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By Good Not Present

Hall ENUMBENTAL Standard Mush 26-5-5-19-17-17-17-17-17-17-17-17-17-17-17-17-17-	Client: EOG-Artesia / Ra Mailing Address: EOG - 106 Ranger: PO Box 201179, A Phone #: 521-335-1785 Email or Fax#: Will@Rar AA/QC Package: Standard	inger Env.	☐ Standard	Rush (e.	E06-50477AT		HALL ENVIRONMER	TAI
Project Name, No. 25 & 25 M? Project Name, No. 25 & 25 M?	Mailing Address: EOG - 108 Ranger: PO Box 201179, A Phone #: 521-335-1785 Pmail or Fax#: Will@Rar DA/QC Package: ■ Standard		Drainst Nam	e: *			SERENCE OF CHANGE	12
For the second of the second	Mailing Address: EOG - 106 Ranger: PO Box 201179, A Phone #: 521-335-1785 Phone #: 524-335-1785		Project Nam		5#		ANALTSIS LABORA	ORY
Folget # 5376 Folget # 537	Ranger: PO Box 201179, A Shone #: 521-335-1785 smail or Fax#: Will@RangA/QC Package: Standard	5 S 4th St, Artesia NM, 88210				1004	www.nailenvironmental.com	
# \$21.335.1786 # \$21.335.1786 Project Manager: W. Klertoof Project Manager: W. Klertoof	Phone #: 521-335-1785 smail or Fax#: Will@Ran AA/QC Package: Standard	Austin TX 78720	Project #: 53	75		1 PO T	Wkins NE - Albuquerque, NM 87109	1020
Project Manager: W. Kierdorf Project Manager: W. Kierdorf	amail or Fax#: Will@Ran AA/QC Package: Standard					50	na	10.70
Package: Indard Sampler: L. KCERCONG AC Other BY Ves INO AC Other # of Coolers: f Cooler Templeraseing or; Z.O. ± C (Type) Excel # of Coolers: f Cooler Temple Name Preservative 0738 \$\sigma Z_C PTH - 134/S¹ X \(\sigma Z_C OC 0738 \$\sigma Z_C PTH - 134/S¹ X \(\sigma Z_C OC 0738 \$\sigma Z_C PTH - 134/S¹ X \(\sigma Z_C OC 0740 PTH - 134/S¹ X \(\sigma Z_C OC OC 0814 PTH - 38/¼¹ X \(\sigma Z_C OC OC 0834 PTH - 38/¼¹ X \(\sigma Z_C OC OC 0835 PTH - 38/¼¹ X \(\sigma Z_C OC OC 0836 PTH - 38/¼¹ X \(\sigma Z_C OC OC 0835 PTH - 38/¼¹ X \(\sigma Z_C OC OC 0836 PTH - 38/¼¹ X \(\sigma Z_C OC OC 0837	άi	igerEnv.com	Project Mana	ger: W. Kierd	orf			
AC □ Other Sampler: ". KLERDORS* (Type) Excel # of Coolers* (Type) Excel Preservative (Type) Type Toth (Type) Toth <		☐ Level 4 (Full Validation)				() MRO		
Container Cont		npliance	3	CLEROORS				
Time Matrix Sample Name Type and # Type The Note of Type The Note of Type and Type The Type of Type and Type The Type of Type and Type The Type of Type and Type of Type and Type of Type of Type and Type of Type of Type and Type of Type of Type of Type and Type of Type o	- 1		On Ice:	⊠ Yes	ON 🗆			
Time Matrix Sample Name Type and # Type and # Type and # Type Type and # Type and # Type Type and # Type and # Type Type and # Type and # Type Type and # Type and Type and # Type and Type and Type	1		# of Coolers:)		ВЭ		
Time Matrix Sample Name Type and # Type A HEAL NO. 2 0738 \$02L PTH-134/5' x 402 mc ZcL 00.1 0740 PTH-134/5' x 402 mc ZcL 00.2 0803 PTH-37/1' 00.3 0814 PTH-38/1' 00.3 0834 PTH-38/1' 00.3 0835 PTH-38/1' 00.3 0857 PTH-38/1' 00.3 0858 PTH-38/1' 00.3 0859 PTH-38/1' 00.3 0850 PTH-38/1' 00.3 0850 PTH-38/1' 00.3 0851 PTH-38/1' 00.3 0852 PTH-38/1' 00.3 0853 PTH-38/1' 00.3 0854 PTH-38/1' 00.3 0857 PTH-38/1' 00.3 0858 PTH-38/1' 00.3 0858 PTH-38/1' 00.3 0859 PTH-38/1' 00.3 0878 PTH-38/1' 00.3 0885 PTH-38/1' 00.3 0878 PTH-38/1' 00.3 08			Cooler Temp	(including CF): Z.() #C	12D(
0738 S02L PTH-134/S¹ [x 492 πης TCE 00 1 0740 FTH-134/S² [x 492 πης TCE 00 2 0751 PTH-37/l² 00 3 0803 PTH-37/l² 00 3 0814 PTH-38/l² 00 3 0834 PTH-38/l² 00 3 0837 PTH-38/l² 00 3 0857 PTH-36/l² 00 3 0858 PTH-36/l² 00 3 0857 PTH-34/l² 00 3 0858 PTH-34/l² 00 3 1 TH-34/l² TH-34/l² 00 3 1 TH-34/l² TH-34/l² 00 3 1 TH-34/l² TH-34/l² 00 3 1 Time: Relinquished by: TH-34/l² The Alaxina and the time 1 Wood Time: Received by: Via: μωο στ The Alaxina and time 1 Wood The Alaxina and time The Alaxina and time The Alaxina and time Date Time 1 Wood The Alaxina and time The Alaxina and time The Alaxina and time Dot	Time	Sample Name	Container Type and #	Preservative Type	2 HEAL NO. 2	.08:H9T		
0740 PTH-13A/61 002 0803 PTH-37/41 003 0814 PTH-38/41 005 0834 PTH-38/41 005 0835 PTH-3A/41 005 0850 PTH-3A/41 006 0851 PTH-3A/41 001 0852 TH-3A/31 001 Time: Relinquished by: Na: mo of Time Time 1885 TH-3A/31 100 011 012 013 0140 PTH-3A/41 003	0738	PTH-134/5"	1 x 402 5AR	ZCE		- X		
0803 PTH - 37/4* 003 0814 PTH - 38/4* 005 0814 PTH - 38/4* 005 0834 PTH - 34/4* 005 0834 PTH - 34/4* 007 0835 PTH - 34/4* 007 0850 PTH - 34/4* 007 0851 PTH - 34/4* 007 0852 PTH - 34/4* 007 0853 PTH - 34/4* 007 0854 PTH - 34/4* 007 0857 PTH - 34/4* 007 0873 TH - 34/2* 007 0873 TH - 34/2* 007 18/5 Time Time 18/5 Time Time 18/5 Time Time 18/6 Time Time <tr< td=""><td>0740</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></tr<>	0740					-		
0814 0814 PTH-38/4' 0834 PTH-38/4' 0835 0836 PTH-39/4' 0857 0858 0858 PTH-30/4' 0859 0859 Time: Relinquished by: Received by: Via: mo of time time 1885 WOO MILL SALL SALL SALL SALL SALL SALL SALL S	1520	PTM-27/1			003			
0834 0834 0834 0835 0836 0850 0874- 0850 0850 0774-39/4 0850 0774-30/4 0857 0774-30/4 0875 0774-30/4 0875 0774-30/4 0875 0774-30/4 0875 0774-30/4 0875 0774-30/4 0875 0774-30/4 0875 1774-34/2 1774-34/3 17	0803	PTM-37/4"			400			
0834 PTM - 38/4! 0834 PTM - 39/4! 0835 PTM - 30/4! 0857 PTM - 30/4! 0857 PTM - 30/4! 0857 PTM - 30/4! 0858 PTM - 30/4! 0858 PTM - 30/4! 0858 PTM - 30/4! 0858 PTM - 30/4! 0878 PTM - 30/4! 0878 PTM - 30/4! 0878 PTM - 30/4! 0885 PTM - 30/4! 0886 PTM - 30/4! 0885 PTM - 30/4! 0886 PTM - 30/4! 0887 PTM - 30/4! 0887 PTM - 30/4! 0887 PTM - 30/4! 0887 PTM - 30/4! 0888 PTM - 3	0814	PTM-38/11			, ,00			
0834 PTM - 34/I¹ 067 0836 PTM - 34/I² 008 0850 PTM - 34/I² 008 0837 TM - 34/I² 008 0938 TM - 34/I² 008 Time: Relinquished by: Received by: Via: μωο ωρ Date Time WOS MOS MOS MOS MOS	7,80	PTM-38/4"			3			
0851 0850 0850 0850 0850 0850 0850 0710-30/4 0937 TM-3A/1 TM-3A/3 Time: Relinquished by: Received by: Via: purb of Date Time 1805 WOS AMARINE CONTRACT TM-3A/3 Time: Relinquished by: Received by: Via: purb of Date Time WOS AMARINE CONTRACT TM-3A/3 Time: Relinquished by: Received by: Via: purb of Date Time WOS AMARINA NATARA N	9834	PTM-29/11			180			
0850 PTn-30/t* CO9 0857 PTn-30/t* CO16 0937 TM-34/t* CO16 0938 TM-34/s* CO1 Time: Relinquished by: Received by: Mar-31 ne? Time: Received by: Mar-31 ne? Time WOG MALLALLARIANA Mar-31 ne? Time WOG MALLALLARIANA Received by: Via: Date Time	0839	PTM-39/4"			800			
0857 774-36/4" 016 0937 774-34/3" 017 0938 774-34/3" 017 Time: Relinquished by: Received by: Via: 1400 of 1600 Time: Relinquished by: Received by: Via: 1000 WOG All N.	0880	PTN-30/1"			1500			
0933 — TM-3A/3: — Oil Time: Relinquished by: Received by: Via: 100 Time: Relinquished by: Received by: Via: Date Time Wood Mill Mill Mill Mill Mill Mill Mill Mill	0859	OTN-30/4"			0/16			
Time: Relinquished by: TM -34/3	0937	TN-3A/1'			ŝ			
Time: Relinquished by: Received by: Via: 14400 AP Date Time Time: Relinquished by: Wood AMADA INC. Time Received by: Via: Date Time Time Time Time		-	7	-1	(30)	7 7 7		
Time: Relinquished by: Received by: Via: Date T	Time:		Received by:	Via: paus OFF	Time	Remarks: Bill t	o EOG Artesia	
12 1100 AMAZINE DATE CULTULATION 1 1517	Time.		2	13	5			
	72 1100	*	CUCI U	VIA:	27. 27. 27. 27. 27. 27. 27. 27. 27. 27.			

Trick Stush E06-50 The: Mosse CF #9 St. Preservative HEAT Type Type C7 Type LLC	HALL ENVIRONMENT Standard Standard Standard Standard Standard Project Name: Project Na	Chain-or-C	Chain-or-Custody Record	Turn-Around Time:	
Project Name; Project Nam	Project Name: Project Name	Client: EOG-Artesia / R	Ranger Env.	□ Standard 🖟 Rush 🗁 6-5097707	HALL ENVIRONMENTAL
1	The cost of the			Project Name: MOSEL CF #9	ANALYSIS LABORATORY
10 10 10 10 10 10 10 10	10 10 10 10 10 10 10 10	Mailing Address: EOG - 10	05 S 4th St, Artesia NM, 88210		www.hallenvironmental.com
Comparison Com	Sandard Consistence Cons	Ranger: PO Box 201179,	Austin TX 78720		
Sandard Level 4 (Full Validation) Sandard Sandar		Phone #: 521-335-1785	2		Fax 505-345-4107
Standard Sundation) Sampler: In McCasant Time: Reimquished by: Standard Coolers: I Sundation Sampler: In McCasant For Coolers: I Sundation Sampler: In McCasant # of Coolers: I Sundation # of Coolers: I S	S S S S S S S S S S S S S S S S S S S	email or Fax#: Will@Ra	angerEnv.com	Project Manager: W. Kierdorf	Teachest receiption
Time: Relinquished by: Treditation: Az Compilance Sampler: No VITEGONGT NO		QA/QC Package:	I Joseph A. P. Line Marketine		NKO)
Sampler, N. L.C.C. 2016			Level 4 (rull validation)		11/0
Time: Relinquished by: Time: Received by: Via: Date Time Time: Received by: Via: Date Time			compliance er	F. IN KEKROORE	
Time Matrix Sample Name Type and # Type Container Preservative HEAL No. Container Type and # Type Container Container Type and # Type Container Type and # Type Container Type and # Type Container Container Type and # Type Container Container Type and # Type Container Container Type Container Container Type Container Ty					
Time: Relinquished by: Time: Relinquished by: Received by: Via: Marking 2 Time: Relinquished by: Received by: Via: Marking 2 Time: Relinquished by: Received by: Via: Date Time Time: Relinquished by: Received by: Via: Date Time Time: Relinquished by: Received by: Via: Date Time	2			N	9)as
7/3 0935 SGI		Time		Preservative HEAL No.	108:Hc
Time: Relinquished by: Received by: Via: March 1875 Time Time Time: Relinquished by: Received by: Via: Date Time Time: Relinquished by: Received by: Via: Date Time Time: Relinquished by: Received by: Via: Date Time Time: Relinquished by: Received by: Via: Date Time Time: Relinquished by: Received by: Via: Date Time Time: Relinquished by: Received by: Via: Date Time Time: Received by: Via: Date Time Time: Ti		2000	-	101010	IT.
Time: Relinquished by: Received by: Received by: Time: Relinquished by: Received by: Via: Date Time		0.455	12-34/4	ILE	×
Time: Relinquished by: Received by: Via: Marking Street Time: Relinquished by: Received by: Via: Date Time A 1165 A Marking Street Time: Relinquished by: Time	2 2				
Time: Relinquished by: Time: All SA Markines Time: Date Time	1 1 2 2				
Time: Relinquished by: Received by: Via: Myork Date Time Time: Relinquished by: Via: Date Time W. Hoo My Modern Mark Mark Mark Mark Mark Mark Mark Mark	1 1 2				
Time: Relinquished by: Received by: Via: 1000000000000000000000000000000000000	1 2 2				
Time: Relinquished by: Received by: Via: Work Date Time Time: Relinquished by: Time Ti	1 1 2 2				
Time: Relinquished by: Received by: Via: Myork Date Time Time: Relinquished by: Nia: Date Time Received by: Via: Date Time	1 2 2				
Time: Relinquished by: Received by: Via: 1997 Time: Relinquished by: Via: Date Time Received by: Via: Date Time	1 2				
Time: Relinquished by: Received by: Via: Myork Date Time Time: Relinquished by: Received by: Via: Date Time Received by: Via: Date Time	14 2.				
Time: Relinquished by: Nia: Date Time Received by: Via: Date Time Received by: Via: Date Time	18 2.	Time.			
Time: Relinquished by: Received by: Via: Date	2.	ne 1815		Via: Mysself Date Time	Remarks: Bill to EOG Artesia
֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜		Time:	Ž	Via: Date	

Released to Imaging: 4/21/2023 10:49:22 AM



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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

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 ORG	ANICS				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.
- 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

Page 1 of 11

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 ORG	SANICS				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.
- 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

Page 2 of 11

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

Page 3 of 11

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

Page 4 of 11

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 ORG	SANICS				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.
- 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

Page 5 of 11

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 ORG	SANICS				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.
- 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

Page 6 of 11

Hall Environmental Analysis Laboratory, Inc.

08-Sep-22

2208H06

WO#:

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: Ics 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

Page 7 of 11

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 Prep Date: 8/30/2022 Analysis Date: 9/1/2022 SeqNo: 3242024 Units: mq/Kq Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte 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

Page 8 of 11

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208H06**

08-Sep-22

Client: EOG
Project: Mobil CI 9

Sample ID: MB-69929	SampType	e: MBLK	TestC	ode: EPA Method	8015M/D: Dies	sel Range	Organics	
Client ID: PBS	Batch ID	: 69929	Rur	nNo: 90803				
Prep Date: 9/1/2022	Analysis Date	e: 9/4/2022	Sec	qNo: 3246093	Units: mg/Kg	J		
Analyte	Result P	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	e: LCS	TestC	ode: EPA Method	8015M/D: Dies	sel Range	e Organics	
Client ID: LCSS	Batch ID	69929	Rui	nNo: 90816				
Prep Date: 9/1/2022	Analysis Date	e: 9/6/2022	Sec	qNo: 3246555	Units: mg/Kg	J		
Analyte	Result P	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	e: LCS	TestC	ode: EPA Method	8015M/D: Dies	sel Range	Organics	
Client ID: LCSS	Batch ID	: 69963	Rur	nNo: 90816				
Prep Date: 9/6/2022	Analysis Date	e: 9/6/2022	Sec	qNo: 3246556	Units: %Rec			
Analyte	Result P	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	e: MBLK	TestC	ode: EPA Method	8015M/D: Dies	sel Range	e Organics	
Client ID: PBS	Ratch ID	: 69929	Rur	nNo: 90816				

SPK value SPK Ref Val %REC LowLimit

Sample ID:	MB-69963	SampTyp	e: N	/IBLK	TestCo	ode: I	EPA Method	8015M/D: Dies	sel Range	Organics
Client ID:	PBS	Batch II): 6	9963	Rur	nNo:	90816			
Prep Date:	9/6/2022	Analysis Dat	e: 9	9/6/2022	Sec	;oNp	3246558	Units: %Rec		
Analyte		Result	PQL	. SPK value	SPK Ref Val %	%REC	C LowLimit	HighLimit	%RPD	RPDLimit

10.00

Surr: DNOP 7.7 10.00 77.0 21 129

Analysis Date: 9/6/2022

PQL

15

50

Result

ND

ND

11

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Prep Date: 9/1/2022

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

Analyte

Surr: DNOP

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank

SeqNo: 3246557

107

Units: mg/Kg

129

%RPD

RPDLimit

Qual

Qual

HighLimit

21

- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 9 of 11

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: Ics-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: Ics-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: mq/Kq

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

Page 10 of 11

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

0.92

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

1.000

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

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 Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Benzene 0.93 0.025 1.000 0 92.7 80 120 0.050 1.000 0 96.1 80 120 Toluene 0.96 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

Surr: 4-Bromofluorobenzene

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

Page 11 of 11

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

LABORATORY

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Client Name:	EOG		Work	Order Number	: 220	8H06		RcptN	o: 1
Received By:	Tracy Cas	sarrubias	8/27/20	22 9:35:00 AM	i T				
Completed By:	Sean Livi	naston	8/29/20	22 8:13:56 AM	,		()		
Reviewed By:	WC	1.	1.29.				Ja-l.	not-	
Chain of Cus	stody								
1. Is Chain of C	ustody comp	lete?			Yes	V	No 🗌	Not Present	
2. How was the	sample deliv	vered?			Cou	rier			
Log In									
3. Was an atten	npt made to	cool the samp	les?		Yes	~	No 🗌	NA 🗆	
4. Were all sam	ples received	l at a tempera	ture of >0° C	to 6.0°C	Yes	V	No 🗆	NA 🗆	
5. Sample(s) in	proper conta	iner(s)?			Yes	V	No 🗆		
6. Sufficient sam	nple volume f	or indicated te	est(s)?		Yes	V	No 🗌		
7. Are samples ((except VOA	and ONG) pro	perly preserve	ed?	Yes	V	No 🗆		
8. Was preserva						_	No 🔽	NA 🗌	
9. Received at le	east 1 vial wit	h headspace	<1/4" for AQ V	OA?	Yes		No 🗆	NA 🗹	
10. Were any sar	mple containe	ers received b	roken?		Yes		No 🗸	# of preserved	
11. Does paperwo)		Yes	V	No 🗆	bottles checked for pH:	or >12 unless noted)
12. Are matrices of		1 1 1 1 1 1 1 1 1 1			Yes	V	No 🗆	Adjusted?	or TE dilloss flotody
13. Is it clear what						V	No 🗆	/	
14. Were all holdin (If no, notify cu	ng times able	to be met?			Yes		No 🗆	Checked by:	Sux /29/22
Special Handl	ing (if app	licable)						1	
15. Was client no			vith this order?		Yes		No 🗌	NA 🗹	
Person	Notified:			Date:					
By Who	om:			Via:] eM	ail 🗌	Phone Fax	☐ In Person	
Regardi	ing:								
Client Ir	nstructions:								
16. Additional rer	marks:								_
17. Cooler Infor	mation								
Cooler No		Condition	Seal Intact	Seal No S	eal D	ate	Signed By		
1	4.0	Good			Jui		oigned by		
2	4.8	Good							
3	5.6	Good							

Page 1 of 1

Client' FOG-Artesia / Ranger Env			V VVV	TAL YAY		
	nger Env.	☑ Standard		KRush		HALL ENVIRONMENTAL
		Project Name:				ANALYSIS LABORATORY
Mailing Address: EOG - 105	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	MOB	MOBIL CI #9	-		www.hallenvironmental.com
Ranger: PO Box 201179, Austin TX 78720	ustin TX 78720	Project #: 5375	75		4901 1	₹
Phone #: 521-335-1785					lei. or	1el. 505-345-39/5 Fax 505-345-4107
email or Fax#: Will@RangerEnv.com	gerEnv.com	Project Man	Project Manager: W. Kierdorf	dorf		Jeanhay ordinary
QA/QC Package:					(0)	
■ Standard	☐ Level 4 (Full Validation)				∃W /	
	☐ Az Compliance ☐ Other_	Sampler: On Ice:	J. Mar	29 Mily 82		
■ EDD (Type) Excel		# of Coolers:	2		ОЯ	
		Cooler Temp(including CF):	(including CF): Sop	e Demank	2D(C	
Time Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	8) X∃T8 108:Hq 5) Syloride	
8-20-2 6908 5051	PTH-33/1	1 x 402) ar	1CE		L >	
1 60 14	PTH-33/4	U		937	-	
0123	PTH-31/1			P. 7		
0928	PTH-31/4			8		
是 50	PT41-33/1			500		
J. 04 60	DFH-32/4	7	_	ax	7 1	
					7	
				7		
Date: Time: Relinquished by:	Linez	Received by:	Via:	Date Time	Remarks: Bill 1	Remarks: Bill to EOG Artesia
Lime:		Received by:	Via: seems?	11	2.) 4.8	7-8-4.8.
Tayou go Cours	190 Church 25.55		1	8/12/51	12 (2	



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

andel

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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

Page 1 of 58

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 ORG	SANICS				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.
- 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

Page 2 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 ORG	GANICS				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.

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

Page 3 of 58

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 Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: JTT	
Chloride	110	60	mg/Kg	20	10/26/2022 3:51:08 PM 7107	72
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TON	VI
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 5:07:10 PM 7105	54
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/26/2022 5:07:10 PM 7105	54
Surr: DNOP	92.5	21-129	%Rec	1	10/26/2022 5:07:10 PM 7105	54
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	VI
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/25/2022 4:22:00 PM 7101	14
Surr: BFB	98.6	37.7-212	%Rec	1	10/25/2022 4:22:00 PM 7101	14
EPA METHOD 8021B: VOLATILES					Analyst: CCN	VI
Benzene	ND	0.024	mg/Kg	1	10/25/2022 4:22:00 PM 7101	14
Toluene	ND	0.047	mg/Kg	1	10/25/2022 4:22:00 PM 7101	14
Ethylbenzene	ND	0.047	mg/Kg	1	10/25/2022 4:22:00 PM 7101	14
Xylenes, Total	ND	0.094	mg/Kg	1	10/25/2022 4:22:00 PM 7101	14
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	10/25/2022 4:22:00 PM 7101	14

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 58

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 B	Batch
EPA METHOD 300.0: ANIONS					Analyst: J	JTT
Chloride	420	60	mg/Kg	20	10/26/2022 4:03:33 PM 7	71072
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: J	JME
Diesel Range Organics (DRO)	130	15	mg/Kg	1	10/28/2022 2:18:05 PM 7	71054
Motor Oil Range Organics (MRO)	250	49	mg/Kg	1	10/28/2022 2:18:05 PM 7	71054
Surr: DNOP	104	21-129	%Rec	1	10/28/2022 2:18:05 PM 7	71054
EPA METHOD 8015D: GASOLINE RANGE					Analyst: C	СМ
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/25/2022 4:41:00 PM 7	71014
Surr: BFB	100	37.7-212	%Rec	1	10/25/2022 4:41:00 PM 7	71014
EPA METHOD 8021B: VOLATILES					Analyst: C	СМ
Benzene	ND	0.024	mg/Kg	1	10/25/2022 4:41:00 PM 7	71014
Toluene	ND	0.048	mg/Kg	1	10/25/2022 4:41:00 PM 7	71014
Ethylbenzene	ND	0.048	mg/Kg	1	10/25/2022 4:41:00 PM 7	71014
Xylenes, Total	ND	0.095	mg/Kg	1	10/25/2022 4:41:00 PM 7	71014
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	10/25/2022 4:41:00 PM 7	71014

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WW-6

Project: Mobil CI 9 Flowline **Collection Date:** 10/20/2022 11:46:00 AM 2210B58-006 Lab ID: 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 ORG	ANICS				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.
- 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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits Sample pH Not In Range

RL Reporting Limit

Page 6 of 58

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 Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: JM7	Γ
Chloride	ND	60	mg/Kg	20	10/26/2022 8:27:36 PM 7110	04
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: TON	VI
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	10/26/2022 6:20:15 PM 7105	54
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2022 6:20:15 PM 7105	54
Surr: DNOP	112	21-129	%Rec	1	10/26/2022 6:20:15 PM 7105	54
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	VI
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/25/2022 5:21:00 PM 7101	14
Surr: BFB	99.6	37.7-212	%Rec	1	10/25/2022 5:21:00 PM 7101	14
EPA METHOD 8021B: VOLATILES					Analyst: CCN	VI
Benzene	ND	0.024	mg/Kg	1	10/25/2022 5:21:00 PM 7101	14
Toluene	ND	0.049	mg/Kg	1	10/25/2022 5:21:00 PM 7101	14
Ethylbenzene	ND	0.049	mg/Kg	1	10/25/2022 5:21:00 PM 7101	14
Xylenes, Total	ND	0.098	mg/Kg	1	10/25/2022 5:21:00 PM 7101	14
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	10/25/2022 5:21:00 PM 7101	14

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
 P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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

Page 8 of 58

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 Bate	ch
EPA METHOD 300.0: ANIONS					Analyst: JM 1	Т
Chloride	ND	60	mg/Kg	20	10/26/2022 8:52:25 PM 7110	04
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TO	M
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 7:08:53 PM 710	54
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/26/2022 7:08:53 PM 7105	54
Surr: DNOP	82.6	21-129	%Rec	1	10/26/2022 7:08:53 PM 7105	54
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCI	M
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/25/2022 6:00:00 PM 710	14
Surr: BFB	104	37.7-212	%Rec	1	10/25/2022 6:00:00 PM 710 ⁻	14
EPA METHOD 8021B: VOLATILES					Analyst: CCI	M
Benzene	ND	0.024	mg/Kg	1	10/25/2022 6:00:00 PM 710	14
Toluene	ND	0.049	mg/Kg	1	10/25/2022 6:00:00 PM 710	14
Ethylbenzene	ND	0.049	mg/Kg	1	10/25/2022 6:00:00 PM 710°	14
Xylenes, Total	ND	0.097	mg/Kg	1	10/25/2022 6:00:00 PM 710°	14
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	10/25/2022 6:00:00 PM 710 ⁻²	14

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 9 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 Bate	ch
EPA METHOD 300.0: ANIONS					Analyst: JM1	Т
Chloride	ND	60	mg/Kg	20	10/26/2022 9:04:50 PM 7110	04
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TON	М
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	10/26/2022 7:33:08 PM 7105	54
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2022 7:33:08 PM 7105	54
Surr: DNOP	81.8	21-129	%Rec	1	10/26/2022 7:33:08 PM 7105	54
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	М
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/25/2022 6:20:00 PM 7101	14
Surr: BFB	100	37.7-212	%Rec	1	10/25/2022 6:20:00 PM 7101	14
EPA METHOD 8021B: VOLATILES					Analyst: CCN	М
Benzene	ND	0.023	mg/Kg	1	10/25/2022 6:20:00 PM 7101	14
Toluene	ND	0.047	mg/Kg	1	10/25/2022 6:20:00 PM 7101	14
Ethylbenzene	ND	0.047	mg/Kg	1	10/25/2022 6:20:00 PM 7101	14
Xylenes, Total	ND	0.093	mg/Kg	1	10/25/2022 6:20:00 PM 7101	14
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	10/25/2022 6:20:00 PM 7101	14

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

Qualifiers:

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

Page 10 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 Batc
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	10/26/2022 9:17:14 PM 7110
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TOM
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 7:57:27 PM 7105
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/26/2022 7:57:27 PM 7105
Surr: DNOP	96.4	21-129	%Rec	1	10/26/2022 7:57:27 PM 7105
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/25/2022 6:39:00 PM 7101
Surr: BFB	98.7	37.7-212	%Rec	1	10/25/2022 6:39:00 PM 7101
EPA METHOD 8021B: VOLATILES					Analyst: CCN
Benzene	ND	0.023	mg/Kg	1	10/25/2022 6:39:00 PM 7101
Toluene	ND	0.046	mg/Kg	1	10/25/2022 6:39:00 PM 7101
Ethylbenzene	ND	0.046	mg/Kg	1	10/25/2022 6:39:00 PM 7101
Xylenes, Total	ND	0.092	mg/Kg	1	10/25/2022 6:39:00 PM 7101
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	10/25/2022 6:39:00 PM 7101

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
 P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: EW-5

Project: Mobil CI 9 Flowline **Collection Date:** 10/20/2022 1:08:00 PM 2210B58-012 Lab ID: Matrix: SOIL Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: JM	ЛT
Chloride	ND	60	mg/Kg	20	10/26/2022 9:29:38 PM 711	104
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DG	ЭН
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 8:30:23 PM 710	044
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/26/2022 8:30:23 PM 710	044
Surr: DNOP	78.7	21-129	%Rec	1	10/26/2022 8:30:23 PM 710	044
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CC	M
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/25/2022 11:34:00 PM 710	018
Surr: BFB	101	37.7-212	%Rec	1	10/25/2022 11:34:00 PM 710	018
EPA METHOD 8021B: VOLATILES					Analyst: CC	M
Benzene	ND	0.024	mg/Kg	1	10/25/2022 11:34:00 PM 710	018
Toluene	ND	0.048	mg/Kg	1	10/25/2022 11:34:00 PM 710	018
Ethylbenzene	ND	0.048	mg/Kg	1	10/25/2022 11:34:00 PM 710	018
Xylenes, Total	ND	0.095	mg/Kg	1	10/25/2022 11:34:00 PM 710	018
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	10/25/2022 11:34:00 PM 710	018

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 12 of 58

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 Batc	:h
EPA METHOD 300.0: ANIONS					Analyst: JMT	•
Chloride	ND	60	mg/Kg	20	10/26/2022 10:06:51 PM 7110)4
EPA METHOD 8015M/D: DIESEL RANGE ORG				Analyst: DGF	1	
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	10/26/2022 8:44:36 PM 7104	14
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2022 8:44:36 PM 7104	4
Surr: DNOP	81.2	21-129	%Rec	1	10/26/2022 8:44:36 PM 7104	4
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	1
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/26/2022 12:33:00 AM 7101	8
Surr: BFB	101	37.7-212	%Rec	1	10/26/2022 12:33:00 AM 7101	8
EPA METHOD 8021B: VOLATILES					Analyst: CCN	1
Benzene	ND	0.024	mg/Kg	1	10/26/2022 12:33:00 AM 7101	8
Toluene	ND	0.048	mg/Kg	1	10/26/2022 12:33:00 AM 7101	8
Ethylbenzene	ND	0.048	mg/Kg	1	10/26/2022 12:33:00 AM 7101	8
Xylenes, Total	ND	0.096	mg/Kg	1	10/26/2022 12:33:00 AM 7101	8
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	10/26/2022 12:33:00 AM 7101	8

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 13 of 58

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 Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: J N	MT
Chloride	ND	60	mg/Kg	20	10/26/2022 10:19:15 PM 71	1104
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: T (ОМ
Diesel Range Organics (DRO)	23	15	mg/Kg	1	10/26/2022 11:58:25 PM 71	1044
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/26/2022 11:58:25 PM 71	1044
Surr: DNOP	53.2	21-129	%Rec	1	10/26/2022 11:58:25 PM 71	1044
EPA METHOD 8015D: GASOLINE RANGE					Analyst: Co	CM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/26/2022 12:53:00 AM 71	1018
Surr: BFB	107	37.7-212	%Rec	1	10/26/2022 12:53:00 AM 71	1018
EPA METHOD 8021B: VOLATILES					Analyst: Co	CM
Benzene	ND	0.024	mg/Kg	1	10/26/2022 12:53:00 AM 71	1018
Toluene	ND	0.048	mg/Kg	1	10/26/2022 12:53:00 AM 71	1018
Ethylbenzene	ND	0.048	mg/Kg	1	10/26/2022 12:53:00 AM 71	1018
Xylenes, Total	ND	0.095	mg/Kg	1	10/26/2022 12:53:00 AM 71	1018
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	10/26/2022 12:53:00 AM 71	1018

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 58

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 I	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: (ССМ
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.
- 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

Page 15 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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	1 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.
- 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

Page 16 of 58

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 Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: JM	IT
Chloride	250	60	mg/Kg	20	10/26/2022 10:56:28 PM 711	104
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: TO	M
Diesel Range Organics (DRO)	180	14	mg/Kg	1	10/27/2022 12:46:22 AM 710	044
Motor Oil Range Organics (MRO)	260	48	mg/Kg	1	10/27/2022 12:46:22 AM 710	044
Surr: DNOP	105	21-129	%Rec	1	10/27/2022 12:46:22 AM 710	044
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CC	M
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/26/2022 1:52:00 AM 710	018
Surr: BFB	103	37.7-212	%Rec	1	10/26/2022 1:52:00 AM 710	018
EPA METHOD 8021B: VOLATILES					Analyst: CC	M
Benzene	ND	0.025	mg/Kg	1	10/26/2022 1:52:00 AM 710	018
Toluene	ND	0.050	mg/Kg	1	10/26/2022 1:52:00 AM 710	018
Ethylbenzene	ND	0.050	mg/Kg	1	10/26/2022 1:52:00 AM 710	018
Xylenes, Total	ND	0.10	mg/Kg	1	10/26/2022 1:52:00 AM 710	018
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	10/26/2022 1:52:00 AM 710	018

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 17 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 Batc
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	61	mg/Kg	20	10/26/2022 11:08:52 PM 7110
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	10/26/2022 8:58:49 PM 7104
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/26/2022 8:58:49 PM 7104
Surr: DNOP	90.5	21-129	%Rec	1	10/26/2022 8:58:49 PM 7104
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/26/2022 2:12:00 AM 7101
Surr: BFB	102	37.7-212	%Rec	1	10/26/2022 2:12:00 AM 7101
EPA METHOD 8021B: VOLATILES					Analyst: CCN
Benzene	ND	0.025	mg/Kg	1	10/26/2022 2:12:00 AM 7101
Toluene	ND	0.049	mg/Kg	1	10/26/2022 2:12:00 AM 7101
Ethylbenzene	ND	0.049	mg/Kg	1	10/26/2022 2:12:00 AM 7101
Xylenes, Total	ND	0.099	mg/Kg	1	10/26/2022 2:12:00 AM 7101
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	10/26/2022 2:12:00 AM 7101

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 18 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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.
- 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

nple pH Not In Range
Page 19 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WB-5

Mobil CI 9 Flowline **Project: Collection Date:** 10/20/2022 10:38:00 AM 2210B58-020 Lab ID: Matrix: SOIL Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: JM7	Т
Chloride	590	60	mg/Kg	20	10/26/2022 11:33:40 PM 7110	04
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: TON	M
Diesel Range Organics (DRO)	170	15	mg/Kg	1	10/27/2022 1:34:13 AM 7104	44
Motor Oil Range Organics (MRO)	190	49	mg/Kg	1	10/27/2022 1:34:13 AM 7104	44
Surr: DNOP	119	21-129	%Rec	1	10/27/2022 1:34:13 AM 7104	44
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	M
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/26/2022 2:51:00 AM 7101	18
Surr: BFB	104	37.7-212	%Rec	1	10/26/2022 2:51:00 AM 7101	18
EPA METHOD 8021B: VOLATILES					Analyst: CCN	M
Benzene	ND	0.025	mg/Kg	1	10/26/2022 2:51:00 AM 7101	18
Toluene	ND	0.049	mg/Kg	1	10/26/2022 2:51:00 AM 7101	18
Ethylbenzene	ND	0.049	mg/Kg	1	10/26/2022 2:51:00 AM 7101	18
Xylenes, Total	ND	0.098	mg/Kg	1	10/26/2022 2:51:00 AM 7101	18
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	10/26/2022 2:51:00 AM 7101	18

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 20 of 58

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 Bate	tch
EPA METHOD 300.0: ANIONS					Analyst: JM	Т
Chloride	300	60	mg/Kg	20	10/26/2022 11:46:05 PM 7110	04
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: TOI	М
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 8:21:39 PM 710)54
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2022 8:21:39 PM 710)54
Surr: DNOP	113	21-129	%Rec	1	10/26/2022 8:21:39 PM 710)54
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCI	M
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/26/2022 3:11:00 AM 710)18
Surr: BFB	107	37.7-212	%Rec	1	10/26/2022 3:11:00 AM 710)18
EPA METHOD 8021B: VOLATILES					Analyst: CCI	M
Benzene	ND	0.025	mg/Kg	1	10/26/2022 3:11:00 AM 710)18
Toluene	ND	0.050	mg/Kg	1	10/26/2022 3:11:00 AM 710)18
Ethylbenzene	ND	0.050	mg/Kg	1	10/26/2022 3:11:00 AM 710)18
Xylenes, Total	ND	0.099	mg/Kg	1	10/26/2022 3:11:00 AM 710)18
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	10/26/2022 3:11:00 AM 710)18

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 21 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 Batc
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	59	mg/Kg	20	10/26/2022 11:58:30 PM 7110
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DGF
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 9:13:01 PM 7104
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/26/2022 9:13:01 PM 7104
Surr: DNOP	75.8	21-129	%Rec	1	10/26/2022 9:13:01 PM 7104
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/26/2022 3:50:00 AM 7101
Surr: BFB	104	37.7-212	%Rec	1	10/26/2022 3:50:00 AM 7101
EPA METHOD 8021B: VOLATILES					Analyst: CCN
Benzene	ND	0.024	mg/Kg	1	10/26/2022 3:50:00 AM 7101
Toluene	ND	0.048	mg/Kg	1	10/26/2022 3:50:00 AM 7101
Ethylbenzene	ND	0.048	mg/Kg	1	10/26/2022 3:50:00 AM 7101
Xylenes, Total	ND	0.097	mg/Kg	1	10/26/2022 3:50:00 AM 7101
Surr: 4-Bromofluorobenzene	114	70-130	%Rec	1	10/26/2022 3:50:00 AM 7101

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

Qualifiers:

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

Page 22 of 58

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 ORG	GANICS				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.
- 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

Page 23 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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.
- 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

Page 24 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WB-10

Project: Mobil CI 9 Flowline **Collection Date:** 10/20/2022 10:50:00 AM 2210B58-025 Lab ID: 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 OR	GANICS				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.
- 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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 25 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WB-11

Mobil CI 9 Flowline **Project: Collection Date:** 10/20/2022 10:52:00 AM 2210B58-026 Lab ID: 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 OF	RGANICS				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.
- 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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 26 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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.
- 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

Page 27 of 58

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 ORG	ANICS				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.
- 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

Page 28 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WB-14

Mobil CI 9 Flowline **Project: Collection Date:** 10/20/2022 10:58:00 AM 2210B58-029 Lab ID: 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 ORG	SANICS				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.
- 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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- RL Reporting Limit

Sample pH Not In Range Page 29 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WB-15

Mobil CI 9 Flowline **Project: Collection Date:** 10/20/2022 11:00:00 AM 2210B58-030 Lab ID: 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 OR	GANICS				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.
- 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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 30 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: JT	Т
Chloride	ND	61	mg/Kg	20	10/27/2022 1:10:33 PM 711	114
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DG	ЭН
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/29/2022 12:32:35 AM 710	059
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/29/2022 12:32:35 AM 710	059
Surr: DNOP	112	21-129	%Rec	1	10/29/2022 12:32:35 AM 710	059
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CC	M
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/26/2022 1:51:00 PM 710	029
Surr: BFB	98.6	37.7-212	%Rec	1	10/26/2022 1:51:00 PM 710	029
EPA METHOD 8021B: VOLATILES					Analyst: CC	M
Benzene	ND	0.023	mg/Kg	1	10/26/2022 1:51:00 PM 710	029
Toluene	ND	0.046	mg/Kg	1	10/26/2022 1:51:00 PM 710	029
Ethylbenzene	ND	0.046	mg/Kg	1	10/26/2022 1:51:00 PM 710	029
Xylenes, Total	ND	0.093	mg/Kg	1	10/26/2022 1:51:00 PM 710	029
Surr: 4-Bromofluorobenzene	112	70-130	%Rec	1	10/26/2022 1:51:00 PM 710	029

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

Qualifiers:

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

Page 31 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 Bato	ch
EPA METHOD 300.0: ANIONS					Analyst: JTT	
Chloride	ND	60	mg/Kg	20	10/27/2022 1:22:53 PM 7111	14
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DGH	Н
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/29/2022 12:43:12 AM 7105	59
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/29/2022 12:43:12 AM 7105	59
Surr: DNOP	106	21-129	%Rec	1	10/29/2022 12:43:12 AM 7105	59
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	VI
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/26/2022 2:11:00 PM 7102	29
Surr: BFB	102	37.7-212	%Rec	1	10/26/2022 2:11:00 PM 7102	29
EPA METHOD 8021B: VOLATILES					Analyst: CCN	VI
Benzene	ND	0.024	mg/Kg	1	10/26/2022 2:11:00 PM 7102	29
Toluene	ND	0.049	mg/Kg	1	10/26/2022 2:11:00 PM 7102	29
Ethylbenzene	ND	0.049	mg/Kg	1	10/26/2022 2:11:00 PM 7102	29
Xylenes, Total	ND	0.097	mg/Kg	1	10/26/2022 2:11:00 PM 7102	29
Surr: 4-Bromofluorobenzene	113	70-130	%Rec	1	10/26/2022 2:11:00 PM 7102	29

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 32 of 58

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 ORG	GANICS				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.
- 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

Page 33 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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.
- 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

Page 34 of 58

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

Page 35 of 58

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 ORG	SANICS				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.
- 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

Page 36 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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

Page 37 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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:	ССМ
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.
- 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

Page 38 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: EB-3

Project: Mobil CI 9 Flowline **Collection Date:** 10/20/2022 1:04:00 PM 2210B58-039 Lab ID: 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 ORG	ANICS				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.
- 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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 39 of 58

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 H	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 OR	GANICS				Analyst: I	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: (ССМ
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.
- 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

Page 40 of 58

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 Bate	ch
EPA METHOD 300.0: ANIONS					Analyst: JTT	Г
Chloride	160	60	mg/Kg	20	10/27/2022 3:38:44 PM 711	14
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DG I	Н
Diesel Range Organics (DRO)	43	14	mg/Kg	1	10/31/2022 12:57:19 PM 710	59
Motor Oil Range Organics (MRO)	150	48	mg/Kg	1	10/31/2022 12:57:19 PM 710	59
Surr: DNOP	127	21-129	%Rec	1	10/31/2022 12:57:19 PM 710	159
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCI	M
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/26/2022 5:28:00 PM 7102	29
Surr: BFB	105	37.7-212	%Rec	1	10/26/2022 5:28:00 PM 7102	29
EPA METHOD 8021B: VOLATILES					Analyst: CCI	М
Benzene	ND	0.024	mg/Kg	1	10/26/2022 5:28:00 PM 7102	29
Toluene	ND	0.048	mg/Kg	1	10/26/2022 5:28:00 PM 7102	29
Ethylbenzene	ND	0.048	mg/Kg	1	10/26/2022 5:28:00 PM 7102	29
Xylenes, Total	ND	0.097	mg/Kg	1	10/26/2022 5:28:00 PM 7102	29
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	10/26/2022 5:28:00 PM 7102	29

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 41 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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.
- 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

Page 42 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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 OR	GANICS				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.
- 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

t In Range Page 43 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

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					Analys	:: JTT
Chloride	300	61	mg/Kg	20	10/28/2022 2:08:23 AM	71134
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: JME
Diesel Range Organics (DRO)	41	14	mg/Kg	1	10/28/2022 10:34:36 AM	<i>I</i> 71060
Motor Oil Range Organics (MRO)	120	48	mg/Kg	1	10/28/2022 10:34:36 AM	<i>I</i> 71060
Surr: DNOP	106	21-129	%Rec	1	10/28/2022 10:34:36 AM	<i>I</i> 71060
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: 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					Analys	t: 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.
- 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

Page 44 of 58

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 Bate	:h
EPA METHOD 300.0: ANIONS					Analyst: JTT	
Chloride	140	60	mg/Kg	20	10/28/2022 2:20:43 AM 7113	4
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DGF	1
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 10:09:13 PM 7106	0
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/26/2022 10:09:13 PM 7106	0
Surr: DNOP	113	21-129	%Rec	1	10/26/2022 10:09:13 PM 7106	0
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	Λ
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/26/2022 9:04:00 PM 7104	5
Surr: BFB	97.8	37.7-212	%Rec	1	10/26/2022 9:04:00 PM 7104	5
EPA METHOD 8021B: VOLATILES					Analyst: CCN	Λ
Benzene	ND	0.024	mg/Kg	1	10/26/2022 9:04:00 PM 7104	5
Toluene	ND	0.048	mg/Kg	1	10/26/2022 9:04:00 PM 7104	5
Ethylbenzene	ND	0.048	mg/Kg	1	10/26/2022 9:04:00 PM 7104	5
Xylenes, Total	ND	0.096	mg/Kg	1	10/26/2022 9:04:00 PM 7104	5
Surr: 4-Bromofluorobenzene	112	70-130	%Rec	1	10/26/2022 9:04:00 PM 7104	5

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

Qualifiers:

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

Page 45 of 58

Date Reported: 11/3/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: EB-10

Mobil CI 9 Flowline **Project: Collection Date:** 10/20/2022 1:18:00 PM 2210B58-046 Lab ID: Matrix: SOIL Received Date: 10/22/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: JT	Т
Chloride	ND	60	mg/Kg	20	10/28/2022 2:33:03 AM 71	134
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: Do	GH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 10:50:54 PM 710	060
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2022 10:50:54 PM 710	060
Surr: DNOP	107	21-129	%Rec	1	10/26/2022 10:50:54 PM 710	060
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CC	СМ
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/26/2022 10:03:00 PM 710	045
Surr: BFB	99.7	37.7-212	%Rec	1	10/26/2022 10:03:00 PM 710	045
EPA METHOD 8021B: VOLATILES					Analyst: CC	СМ
Benzene	ND	0.024	mg/Kg	1	10/26/2022 10:03:00 PM 710	045
Toluene	ND	0.049	mg/Kg	1	10/26/2022 10:03:00 PM 710	045
Ethylbenzene	ND	0.049	mg/Kg	1	10/26/2022 10:03:00 PM 710	045
Xylenes, Total	ND	0.097	mg/Kg	1	10/26/2022 10:03:00 PM 710	045
Surr: 4-Bromofluorobenzene	112	70-130	%Rec	1	10/26/2022 10:03:00 PM 710	045

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- RL Reporting Limit

Sample pH Not In Range Page 46 of 58

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 ORG	ANICS				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.
- 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

Page 47 of 58

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 Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: JN	МТ
Chloride	ND	60	mg/Kg	20	10/28/2022 8:36:04 AM 71	1134
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DC	GH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 11:04:47 PM 71	1060
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/26/2022 11:04:47 PM 71	1060
Surr: DNOP	125	21-129	%Rec	1	10/26/2022 11:04:47 PM 71	1060
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CC	СМ
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/26/2022 10:42:00 PM 71	1045
Surr: BFB	103	37.7-212	%Rec	1	10/26/2022 10:42:00 PM 71	1045
EPA METHOD 8021B: VOLATILES					Analyst: CC	СМ
Benzene	ND	0.025	mg/Kg	1	10/26/2022 10:42:00 PM 71	1045
Toluene	ND	0.049	mg/Kg	1	10/26/2022 10:42:00 PM 71	1045
Ethylbenzene	ND	0.049	mg/Kg	1	10/26/2022 10:42:00 PM 71	1045
Xylenes, Total	ND	0.099	mg/Kg	1	10/26/2022 10:42:00 PM 71	1045
Surr: 4-Bromofluorobenzene	113	70-130	%Rec	1	10/26/2022 10:42:00 PM 71	1045

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 48 of 58

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 Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: J N	MT
Chloride	ND	60	mg/Kg	20	10/28/2022 8:48:25 AM 71	1134
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: De	GH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	10/26/2022 11:18:32 PM 71	1060
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/26/2022 11:18:32 PM 71	1060
Surr: DNOP	104	21-129	%Rec	1	10/26/2022 11:18:32 PM 71	1060
EPA METHOD 8015D: GASOLINE RANGE					Analyst: Co	СМ
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/26/2022 11:02:00 PM 71	1045
Surr: BFB	102	37.7-212	%Rec	1	10/26/2022 11:02:00 PM 71	1045
EPA METHOD 8021B: VOLATILES					Analyst: Co	СМ
Benzene	ND	0.024	mg/Kg	1	10/26/2022 11:02:00 PM 71	1045
Toluene	ND	0.048	mg/Kg	1	10/26/2022 11:02:00 PM 71	1045
Ethylbenzene	ND	0.048	mg/Kg	1	10/26/2022 11:02:00 PM 71	1045
Xylenes, Total	ND	0.097	mg/Kg	1	10/26/2022 11:02:00 PM 71	1045
Surr: 4-Bromofluorobenzene	114	70-130	%Rec	1	10/26/2022 11:02:00 PM 71	1045

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 49 of 58

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58**

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 TestCode: EPA Method 300.0: Anions SampType: Ics Client ID: LCSS Batch ID: 71072 RunNo: 92082 Prep Date: 10/26/2022 Analysis Date: 10/26/2022 SeqNo: 3306561 Units: mg/Kg **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD 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: Ics 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: Ics 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

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 50 of 58

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: mq/Kq

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

Page 51 of 58

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2210B58 03-Nov-22

WO#:

Client: EOG

Project: Mobil CI 9 Flowline

Project: Mobil C	I 9 Flowline								
Sample ID: MB-71054	SampType: MB	LK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 710	54	F	RunNo: 92	2087				
Prep Date: 10/25/2022	Analysis Date: 10	/26/2022	9	SeqNo: 33	805152	Units: mg/K	g		
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	40.00		444	0.4	400			
Surr: DNOP	11 	10.00		111	21	129			
Sample ID: LCS-71054	SampType: LC:	3	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 710	54	F	RunNo: 92	2087				
Prep Date: 10/25/2022	Analysis Date: 10	/26/2022	5	SeqNo: 33	805153	Units: mg/K	g		
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: MB	LK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 710	44	RunNo: 92133						
Prep Date: 10/24/2022	Analysis Date: 10	/26/2022	5	SeqNo: 33	307322	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	40.00		00.0	0.4	400			
Surr: DNOP	9.6	10.00		96.3	21	129			
Sample ID: LCS-71044	SampType: LCS	5	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 710	44	F	RunNo: 92	2133				
Prep Date: 10/24/2022	Analysis Date: 10	/26/2022	9	SeqNo: 33	807323	Units: mg/K	g		
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: MB	LK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 710	60	F	RunNo: 92	2133				
Prep Date: 10/25/2022	Analysis Date: 10	/26/2022	\$	SeqNo: 33	807329	Units: mg/K	g		
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
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 52 of 58

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58** *03-Nov-22*

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: LCS-71	060 SampT	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: 71060	Rur	nNo: 92133				
Prep Date: 10/25/	2022 Analysis Da	ate: 10/26/2022	Sec	No: 3307330	Units: mg/Kg			
Analyte	Result	PQL SPK value	SPK Ref Val %	6REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Diesel Range Organics (I		15 50.00	0	94.9 64.4	127			
Surr: DNOP	4.5	5.000		90.8 21	129			
Sample ID: LCS-71	059 SampT	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: 71059	Rur	No: 92172				
Prep Date: 10/25/	2022 Analysis Da	ate: 10/28/2022	Sec	No: 3310031	Units: mg/Kg			
Analyte	Result	PQL SPK value	SPK Ref Val %	6REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Diesel Range Organics (I	DRO) 44	15 50.00	0	88.0 64.4	127			
Surr: DNOP	4.2	5.000		83.7 21	129			
Sample ID: LCS-71	141 SampTy	ype: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch	ID: 71141	Rur	nNo: 92172				
Prep Date: 10/28/	2022 Analysis Da	ate: 10/28/2022	Sec	No: 3310032	Units: %Rec			
Analyte	Result	PQL SPK value	SPK Ref Val %	6REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Surr: DNOP	5.3	5.000		107 21	129			
Sample ID: MB-710	959 SampTy	ype: MBLK	TestC	ode: EPA Method	8015M/D: Diesel Range	o Organics		
Client ID: PBS	Batch	ID: 71059	Rur	nNo: 92172				
Prep Date: 10/25/	2022 Analysis Da	ate: 10/28/2022	Sec	No: 3310034	Units: mg/Kg			
Analyte	Result	PQL SPK value	SPK Ref Val %	%REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Diesel Range Organics (I	DRO) ND	15						
Motor Oil Range Organic	s (MRO) ND	50						
Surr: DNOP	8.2	10.00		82.5 21	129			
Sample ID: MB-711	41 SampT	ype: MBLK	TestC	ode: EPA Method	8015M/D: Diesel Range	e Organics		
Client ID: PBS	Batch	ID: 71141	Rur	nNo: 92172				
Prep Date: 10/28/	2022 Analysis Da	ate: 10/28/2022	Sec	_q No: 3310036	Units: %Rec			

Sample ID: LCS-7	1171 Samp	Type: LCS	re: LCS TestCode: EPA Metho			d 8015M/D: Diesel Range Organics					
Client ID: LCSS	Bate	ch ID: 71171		RunNo: 92	198						
Prep Date: 10/31	/2022 Analysis	Date: 10/31/20	22	SeqNo: 3311075							
Analyte	Result	PQL SPK	value SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: DNOP	4.4		5 000	88.2	21	129					

SPK value SPK Ref Val %REC

10.00

Qualifiers:

Analyte

Surr: DNOP

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.

Result

9.5

B Analyte detected in the associated Method Blank

94.6

HighLimit

129

21

%RPD

RPDLimit

Qual

E Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 53 of 58

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 %REC %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val LowLimit HighLimit 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 Prep Date: Analysis Date: 10/31/2022 SeqNo: 3312302 Units: %Rec 10/31/2022 HighLimit Result POI SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte I owl imit

Surr: DNOP 9.7 10.00 96.8 21 12

Qualifiers:

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

Page 54 of 58

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210B58** *03-Nov-22*

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: Ics-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: Ics-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	,			
Surr: BFB	1000 1000	99.7 37.7	212	
Sample ID: Ics-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	

Qualifiers:

Analyte

Client ID:

Prep Date:

Value exceeds Maximum Contaminant Level.

10/24/2022

D Sample Diluted Due to Matrix

PBS

- 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.

Batch ID: 71029

Analysis Date: 10/26/2022

PQL

Result

B Analyte detected in the associated Method Blank

RunNo: 92118

SeqNo: 3306771

LowLimit

Units: mg/Kg

HighLimit

%RPD

E Above Quantitation Range/Estimated Value

%REC

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

SPK value SPK Ref Val

Page 55 of 58

RPDLimit

Qual

Hall Environmental Analysis Laboratory, Inc.

2210B58 03-Nov-22

WO#:

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: mq/Kq

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 105 37.7 212

Sample ID: Ics-71045 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

LCSS Client ID: Batch ID: 71045 RunNo: 92118

Prep Date: Analysis Date: 10/26/2022 SeqNo: 3306799 10/25/2022 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 26 25.00 0 104 72.3 Surr: BFB 2200 1000 221 37.7 212 S

Sample ID: mb-71045 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: Batch ID: 71045 RunNo: 92118

Prep Date: 10/25/2022 Analysis Date: 10/26/2022 SeqNo: 3306800 Units: mg/Kg

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

Gasoline Range Organics (GRO) 5.0 Surr: BFB 970 1000 97.5 37.7 212

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

POL Practical Quanitative Limit

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

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 56 of 58

Hall Environmental Analysis Laboratory, Inc.

2210B58 03-Nov-22

WO#:

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: Ics-71014	SampT	ype: LC:	s	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	n ID: 710	14	F	RunNo: 92	2075				
Prep Date: 10/24/2022	Analysis D	Date: 10	/25/2022	5	SeqNo: 33	304669	Units: mg/K	g		
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	Samp	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	n ID: 71 0	014	F	RunNo: 92	2075				
Prep Date: 10/24/2022	Analysis [Date: 10	/25/2022	5	SeqNo: 33	304670	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025		<u> </u>		<u> </u>		<u> </u>		
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: Ics-71018	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch	n ID: 710	18	F	RunNo: 92	2075				
Prep Date: 10/24/2022	Analysis D	Date: 10	/25/2022	5	SeqNo: 33	304695	Units: mg/K	g		
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	Samp	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	n ID: 710	018	F	RunNo: 92	2075				
Prep Date: 10/24/2022	Analysis [Date: 10	/25/2022	5	SeqNo: 33	304696	Units: mg/K	g		
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.

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

Page 57 of 58

Hall Environmental Analysis Laboratory, Inc.

2210B58 03-Nov-22

WO#:

Client: EOG

Project: Mobil CI 9 Flowline

Sample ID: Ics-71029	Samp	Гуре: LC :	S	Tes	tCode: EF	A Method	8021B: Volati	les		
Client ID: LCSS	Batcl	h ID: 710	129	F	RunNo: 92	2118				
Prep Date: 10/24/2022	Analysis [Date: 10	/26/2022	9	SeqNo: 33	806862	Units: mg/K	g		
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	SampT	Гуре: МЕ	3LK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	h ID: 710)29	F	RunNo: 92	2118				
Prep Date: 10/24/2022	Analysis D)ate: 10)/26/2022	5	SeqNo: 33	306865	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025		<u> </u>	<u> </u>			<u> </u>		
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: Ics-71045	Samp1	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batcl	n ID: 710	145	F	RunNo: 92	2118				
Prep Date: 10/25/2022	Analysis D	Date: 10	/26/2022	5	SeqNo: 33	306919	Units: mg/K	g		
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	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	h ID: 71 0	045	F	RunNo: 92	2118				
Prep Date: 10/25/2022	Analysis [Date: 10	/26/2022	9	SeqNo: 33	306920	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 58 of 58

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

Released to Imaging: 4/21/2023 10:49:22 AM

Client Name: EOG	Work Order Number:	2210B58		RcptNo:	1
Received By: Juan Rojas	10/22/2022 8:00:00 AM	I	Have G		
Completed By: Juan Rojas Reviewed By: Sta to zylit	10/22/2022 8:42:18 AN	l	Glaven &		
Chain of Custody				_	
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present	
2. How was the sample delivered?		Courier			
<u>Log In</u> 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	oreserved?	Yes 🗸	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗆	
9. Received at least 1 vial with headspace <1/4" f	or AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any sample containers received broken?		Yes	No 🗹	# of preserved bottles checked	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	for pH: (<2 or >	12 unless noted)
12. Are matrices correctly identified on Chain of Cu	•	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:	~ 1012412
Special Handling (if applicable)					
15. Was client notified of all discrepancies with thi	s order?	Yes 🗌	No 🗆	NA 🗹	
Person Notified:	Date				
By Whom:	Via:	eMail 🗌	Phone 🗌 Fax	In Person	
Regarding:					
Client Instructions:					
16. Additional remarks:					
17. Cooler Information					
	Intact Seal No Se	eal Date	Signed By		
1 0.4 Good					

EDGS DAY TAT

Rush

Released to Imaging: 4711702310:49:23 AM ANALYSIS LABORATORY

www.hallenvironmental.com

4901
Hawkins NE
1
Albuquerque,
NM 87
87109

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

Ranger: PO Box 201179, Austin TX 78720

Project #: 5375

Project Name: Standard

MOBIL CI # 9 Flow line

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

Client: EOG-Artesia / Ranger Env.

					A. C. A.			A STATE OF THE PARTY OF THE PAR
hone #: 521-335-1785							Analysis Request	uest
mail or Fax#: Will@RangerEnv.com		Project Manager: W. Kierdorf	ger: W. Kierd	orf)		
),A/QC Package:						IRO		
	□ Level 4 (Full Validation)		ı) / N		
Accreditation: Az Compliance	liance	Sampler:	J: martines	467				
■ NELAC □ Other		On Ice:	A-Yes	□ No			300	
■ EDD (Type) Excel		# of Coolers:)		'A 3	
		Cooler Temp(including cr):		moson	3021		• (EP	
Date Time Matrix S	Sample Name	Container Type and #	Preservative Type	HEAL No.	TEX (8	PH:801	hloride	
1:05 0411 22-02-01	ww-Z	(xilpz) or	106	-001	×		*	
1134	WW-2 1	_		-062				
1136	ww-3 '			-003				
1140	mwy 1			\00°C				
lina	1 5-Min			-00s				
१८५७	M 6-6			J 05-				
1150	r L-MM			-007				
1306	Ew-1			200			2	
1302	Ew-21			-007				
1301)	Ew-31			-010				
000	Ew.41			-011				
1708	Ew-5	4	+	1012	1	7	4	
Time: Relin	1-ne-7.	Received by:		Date Time	Rem	arks	Remarks: Bill to EOG Artesia	
	7. 7.	D. JULIANANAN		2111 2112				
Date: Time: Relinquished by:		Received by:		Date Time				
TAND ON THE		M	10000	Wholes words from				
					Ì			

				2 3 C				<u></u>	_ 5			€ (
					14/22 11/5	A LY	WWW.	00). May time	Pelinguished hv.	Time:	N-27.
	=OG Artesia	Remarks: Bill to EOG	mark	7.00	ele	<u> </u>	A /		d by:	Relinquished by:		Date:
		7		,					22-		40.00	7
				H					200			2
					530-		-	٠	8-0 W		246	
					-022			. 4	w B-7		1042	
			_		.621			_	W3-6	_	1040	
			_	\vdash	200			~	لا ® -لا		8601	
					210-			~	₩ B-4		1036	
				_	-07				w13-3-		1634	
					-017				ωβ-2 <i>ν</i>		1032	
					-016		-		w8-20		1030	
					- 015			•	8-m3		1314	
		7			-004	-		~	1-m3		2,51	
		3	×	~	, or 3	106	1462 Jav		Ew-6,	Soil	1310	10-2"7"
		Chlo	TPH:	BTE	72/0/358	Туре	Type and #		Sample Name	Matrix	Time	Date
		ride (X (80	6	Dresenzativ	ontainer	o 1				
		EP	_	21	To a contract	O(including CF);	Cooler Temp(including CF):	C				
		A :)			# of Coolers	*		Excel	EDD (Type)	■ EDI
		300	0/		□ No.	_□_¥es	On Ice:	0		□ Other	AC	■ NELAC
)	DRO				Sampler:	S	npliance	□ Az Compliance	Accreditation:	Accred
) / C					idation)	□ Level 4 (Full Validation)		Standard	■ Sta
		_	IRO								QA/QC Package:	QA/QC
)		rdorf	Project Manager: W. Kierdorf	roject Mana	סי	erEnv.com	email or Fax#: Will@RangerEnv.com	or Fax#: \	email c
	٩nal									35-1785	Phone #: 521-335-1785	Phone
7	O,	Tel. 505-345-3975	∄			75	Project #: 5375	P	Ranger: PO Box 201179, Austin TX 78720	201179, Aus	PO Box 2	Ranger
	ins NE - Albuquerque, NM 87109	4901 Hawkins NE	49		Flowline	L CI # 9	7180V	NM, 88210	105 S 4th St, Artesia NM,	EOG - 105 S	Mailing Address: EOG -	Mailing
2 of S	www.hallenvironmental.com					•	Project Name:					
RATORY	NALYSIS LABOR		4			Rush	Standard					
MENTAL	TALL'ENVIRONMENTAL	L	H	_	37 7 77	6			ger Env.	Client: EOG-Artesia / Ranger Env.	EOG-Art	Client:
Keleasea to Imaging.	4/21/2025 10:49:22 AM											•

Received by OCD: 11/18/2022 10:16:43 AM

Received by OCD: 11/18/2022 10:16:43

	ime: Relinquished by: Via:	W-ova Non Jerra river DAMAMAMAN 10 10 12 12	ime: Relinquished by		260-	1106 -033	-037 w B-27 1 -037	1102 (3-10 1 -03)	1000 -030		1	£20~		1000 Ewg we-10' 1 -025-	10-20-21 1048 5-11 Em-te WB-9 1x40210+ 1CE -024	Time Matrix Sample Name Type and # Type 7	Cooler Temp(including CF): 0-4-0-0-1	■ EDD (Type)Excel # of Coolers:	■ NELAC □ Other On Ice: □ No	Accreditation: Az Compliance Sampler:).	■ Standard □ Level 4 (Full Validation)	QA/QC Package:	email or Fax#: Will@RangerEnv.com Project Manager: W. Kierdorf	Phone #: 521-335-1785	Ranger: PO Box 201179, Austin TX 78720 Project #: 5375		Project		Client: EOG-Artesia / Ranner Env
C + 20 - 3	픻	2 2	Time	35	34	ST.	37	3)	30	3	5	42	26	77	-	HEAL NO.	5									ē			47
			Rem	P											×	BTEX (8													Г
			arks: I	1											×	TPH:80					1 \ C	VIRC))		Tel. (4901	-		-
			Remarks: Bill to EOG Artesia	£												Chloride	e (E	PA	300					Analysis Request	Tel. 505-345-3975 Fax 505-345-4107	4901 Hawkins NE - Albuquerque, NM 87109	www.hallenvironmental.com 3 of 5	ANALYSIS LABORATORY	ased 16 Imaging 47712023716.49.29 AM

Released to Imaging 47 175023710:49:23 AM

If necessary, samples submitted to Half Environmental may be subcontracted to divider accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report to \$27 absult 100 miles and the subcontracted to divide accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report to \$27 absult 100 miles and \$20 miles are not to the subcontracted to divide accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report to \$27 absult 100 miles are not to the subcontracted to divide accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report to \$27 absult 100 miles are not to \$20 miles

TO DAY OF THE POPULATION OF TH	Date:/ Time: Relinquished by:	10-21-22 1105 J. Martine 2	Time: Relinquis	T 1370 - 58-11 Value 1970	1318 80-10	1316 6-03	1314 EB-87	1312 85-7	1310 58.67	1308 88.5	1306 88-41	1704 60-31	15-83 EB-2	1700 68-24	10-8m 1105 2111 mg-01	Date Time Matrix Sample Name	The second secon	□ EDD (Type)	7	Accreditation: Az Compliance	QA/QC Package: □ Standard □ Level 4 (Full Validation)	email or Fax#:	Phone #:	0 4:10	Mailing Address:	The state of the s	Client: EGG - Artesta / Ranger Env	Chain-of-Custody Record
Course Totalo & CO	Via: Date T	(M) 2 (12/01) CON LANDING (105)	Received by: Via: Date Time	4 4 647	-046	500-	-044	-043	7042	160-	040-	7039	-038	£60-	JEO - 036	Container Preservative HEAL No. Type and # Type 7.21035	Cooler Temp(including cF): (%L) 0 20.4 (°C)	# of Coolers:	On Ice: _A-Yes □ No	Sampler:	W. Kierdort	Project Manager:	92.13	Project #:	MOBIL CT # Flow line	2	Standard Rush	Turn-Around Time: 806 S DAY TAT
			Remarks:	-											× × ×	8081 PAHS b PAHS b RCRA 6 Q F, E 8260 (\ 8270 (\$	estideth Meth 8 Ma 3r, I	o(Gl cide od 310 etal NO	RO	/ DI 082 .1) 827	RO / MR PCB's	604	Analysis Request	C)	4901 Hawkins NE - Albuquerque, NM 87109	www.hallenvironmental.com	ANALYSIS LABORATOR	HALL ENVIRONMENTA

	AM
	10:49:22
L	4(21/2023
•	Intaging:
	ased to
	ele

Chain-or-Custody Record	EOG SDAY TAT	15 903	DAYTAT				I		m	Z		찟	
Client EOG - Artesia / Langer Env	☑ Standard	Rush	NAME OF TAXABLE PARTY.				2	Si	7	IS	S	5	NALYSIS LABORATORY
	Project Name:						ş	www.hallenvironmental.com	allen	≤iror	ımeı	ntal.	com
Mailing Address:	76	WORL CT "	flow line		490	4901 Hawkins NE	vking	NE NE	- <u>></u>	buq	uerq	e,	Albuquerque, NM 87109
On tile	Project #:	5375	100 Per 100 Pe		T _e	Tel. 505-345-3975	-345	397:	17	Fax	50	5-34	Fax 505-345-4107
email or Fax#:	Project Manager:	D.	Military of the State of the St)))	-	-		 O₄	O ₄		ıt)	
QA/QC Package:	ح.	W.Kierderf		(8021		:B's	MC.	IVIS	 D₄, S	•		hea	
☐ Standard ☐ Level 4 (Full Validation)			Art of the second section	 }'s (PC		031				nt//	
n: ☐ Az Comp	Sampler:	otopoglastica to de agenta in influence		TME				021	<u></u>				
		ATYes [□ No	1 7				-		-)A)		(17)
ype)	# of Coolers:			BE	_		_		_			_	(TI)
place for the control of the control	Cooler Temp(Including CF):	13	(°C) 4.0=0.4 (°C)						_			_	DIIIO
A CONTRACT OF THE CONTRACT OF	Container F	Preservative	HEAL No.	EX/	H:80	81 Pe	B (N	Hs b)F, E	60 (V	70 (S	tal C	nai Ci
Date Time Matrix Sample Name	Type and # 1	Туре	22101358	В	+	+	+-	1	1=	\rightarrow	1	1	
121-83 1205 2221 1202.01	(hyor yar	311	240-	×	2	-	-		8				
T h281	+	-	-049	-	1			-	-	•			
An execution which is the fifted agreement through the countries of the co													
		A STATE OF THE STA	And the second of the second o										-
		A TOTAL OF THE STATE OF THE STA			1	 	+	-	+	+	+		
			A CONTRACT OF THE PARTY OF THE			_	-						
position media (cheri geli da mor palemento). El prodes a decomposition de la prodesión de la		All and I would	good part of the section of the section					2					
											-		
The state of the s	position of the contract of th	The first of the second						1	8 1				
CORP. CALLANS. CORP. C. L. CORP.			the state of the state of the state of the			_	= 1	3.3	1				
Time: Relinc	Received by:	Via:	Date/ Time	Ren	Remarks:	••	70	101					
1021 Le Martinez	a minimum	Muso	19/1/22 /105										
Dete: Time: Relinquished by:	Received by:	Via:											
	N.	(OciAN 10/12)	dr2/2> Scroc	<u>U</u>									



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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2211292

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/14/2022

CLIENT: EOG Client Sample ID: EW-8

Mobil CI 9 Collection Date: 11/3/2022 8:38:00 AM **Project:** Lab ID: 2211292-001 Matrix: SOIL Received Date: 11/5/2022 2:10:00 PM

Analyses	Result	RL Q	ual 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 ORG	SANICS				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.
- 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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 1 of 8

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 Q	ual 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 ORG	ANICS				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.
- 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
- 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

rting Limit Page 2 of 8

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

Page 3 of 8

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: Ics 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 Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 8

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

%REC Result PQL SPK value SPK Ref Val LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 44 15 50.00 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 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 71339 RunNo: 92415 Prep Date: 11/7/2022 Analysis Date: 11/9/2022 SeqNo: 3322283 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual Diesel Range Organics (DRO) ND 15

95.1

21

129

Units: %Rec

Motor Oil Range Organics (MRO) ND 50
Surr: DNOP 9.5 10.00

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

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

Page 5 of 8

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

Page 6 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211292**

14-Nov-22

Client: EOG
Project: Mobil CI 9

Sample ID: Ics-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

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result 0 Gasoline Range Organics (GRO) 24 5.0 25.00 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 Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211292** *14-Nov-22*

Client: EOG
Project: Mobil CI 9

Sample ID: Ics-71329	SampT	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	h ID: 71 :	329	F	RunNo: 9	2421				
Prep Date: 11/7/2022	Analysis D	Date: 11	/8/2022	8	SeqNo: 3	322190	Units: mg/k	(g		
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	Samp	Гуре: М	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 71	329	F	RunNo: 9	2421				
Prep Date: 11/7/2022	Analysis [Date: 1	1/8/2022	9	SeqNo: 3	322191	Units: mg/k	(g		
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.
- 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

Page 8 of 8



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

Released to Imaging: 4/21/2023 10:49:22 AM

Client Name:	EOG		Work	Order Numb	er: 2211	292		RcptNo: 1
Received By:	Andy Free	man	11/5/202	22 2:10:00 F	PM		andyl	-
Completed By:	Juan Rojas	5	11/7/202	22 7:13:24 <i>P</i>	M		Grange J	
	KPG		7-22					
Chain of Cust	<u>ody</u>						•	
1. Is Chain of Cus	stody compl	ete?			Yes	V	No 🗌	Not Present
2. How was the s	ample delive	ered?			Cou	<u>ier</u>		
Log In								
3. Was an attemp	t made to c	ool the sampl	es?		Yes	V	No 🗌	NA 🗌
4. Were all sample	es received	at a temperat	ure of >0°Ct	o 6.0°C	Yes	V	No 🗌	NA \square
5. Sample(s) in p	roper contain	ner(s)?			Yes	Y	No 🗌	
ე. Sufficient samp	le volume fo	or indicated te	st(s)?		Yes	V	No 🗌	
7. Are samples (e				d?	Yes		No 🗌	
8. Was preservati					Yes		No 🗹	NA \square
9. Received at lea	st 1 vial with	n headspace <	<1/4" for AQ V	OA?	Yes		No 🗆	na 🗹
O, Were any sam	ple containe	rs received bi	oken?		Yes		No 🔽	# of preserved
1. Does paperwor					Yes	V	No 🗆	bottles checked for pH:
(Note discrepar						1_ @}	No 🗆	(<2 or >12 unless no Adjusted?
2. Are matrices co					Yes Yes		No 🗆	
 Is it clear what Were all holding 	g times able	to be met?	•		Yes		No 🗆	Checked by:
(If no, notify cus								
<i>pecial Handli</i> 15. Was client noti			ith this order?		Yes	П	No 🗆	NA 🗹
Person N		-		Date				
By Whor	,			Via:	; □ eM	ail 🗀	Phone Fax	In Person
Regardir				410.				
-	structions:							-
16. Additional rem	narks:							
7. <u>Cooler Inform</u>	nation							
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed By	
1	3.5	Good					•	
2	4.4	Good						
3	2.8	Good						

4	
C	
4	
0	٦
∞	
3	
\sim	
0	
6,	
0	
_	
Д,	

Received	wocn:	11/18/20 -01-10-	Received by OCD: 11/18/2022 10:16:43 AM Chain-oi-Custody Record	Turn-Around	Turn-Around Time: 506 540 UT 47	lau TAT	_		:				Page 238 of
Client:	EOG-Art	esia / Ra	Client: EOG-Artesia / Ranger Env.	∑ Standard	A Rush					AALL ENVIRONMEN IAL ANAI YSTS I ABORATORY	AB	ORATO	AL NRY
				Project Name:					_	www.ballenvironmental.com	le ta		
Mailing	Address:	EOG - 105	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Note	MOBIL CT#9	(>		4901	Hawking	www.nairenvinoliniena.com 4901 Hawkins NE - Albuquerdue. NM 87109	Sule. NM	87109	
Ranger	PO Box	201179, A	Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	75			<u>–</u>	Tel. 505-345-3975	3975 Fax 50	Fax 505-345-4107	107	
Phone	Phone #: 521-335-1785	35-1785							B	Anal	sduest		3
email	ır Fax#: \	Will@Ran	email or Fax#: Will@RangerEnv.com	Project Mana	ager: W. Kierdorf	orf		((E
QA/QC	QA/QC Package: ■ Standard		☐ Level 4 (Full Validation)) / WBC			-		
Accred	Accreditation:	□ Az Cc	☐ Az Compliance	:	111	204			(0				
■ NELAC	-AC	Utner		On Ice:	xes	0N 1			.00.1				
	■ EDD (1ype)	Exce	,	# of Coolers:			(1						
				Cooler 1emp(including CF):	(including CF):		Z08)		-1) O				
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL NO.	ХЭТ8)8:H9T Chloric	210110	_			
72-8-1)	0838	50,71	Ew-8	1442)ar	371	1001	مخ	لح لا					
-	08 40		NW-S		1	200-	·	[]					
4	2440	7	5- MM	7	Ţ	500-	-1	→					
-	-												
:													
						9					_		
								+	$\frac{1}{1}$				
								-					
Date:	Time:	Relinquished by:	ed by:	Received by:	Via:	Date Time	Rem	arks: [Sill to EC	Remarks: Bill to EOG Artesia			
72.4.1	QZ 39	7.5	J. Montinez	WWW	Y	2	, J	X.6.10.7	7.5.5				
Date:	Time:	Relinquished by:	led by:	Received by:	Via:	Date Time $II/S/\chi_2/4/0$	2.9	0 0	2.9 -0.1 -0.8				
142	(9a)	all	alum		1		\Box					-	

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 repoi

ATTACHMENT 4 - HOWELL RANCH SEED MIXTURE

James H & Betty R Howell Revocable Trust Seed Mix

1lb per acre of Plains Bristlegrass2lbs 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

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

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

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

The OCD has approved the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) 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

<a href="mailto: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: Minam Morales < Minam Morales@eogresources.com>

Sent: Tuesday, November 1, 2022 9:20 AM

To: CFO_Spill, BLM_NM <<u>blm_nm_cfo_spill@blm.gov</u>>; Alan & Cheryl <<u>ahowell@pvtn.net</u>>; <u>ood.enviro@emnrd.nm.gov</u>; Austin Weyant <<u>austin@atkinseng.com</u>>

Co: Andrea Felix <<u>Andrea Felix@eogresources.com</u>>; Katie Jamison <<u>Katie Jamison@eogresources.com</u>>; Michael Yemm <<u>Michael Yemm@eogresources.com</u>>; Terrence Gant <<u>Terry Gant@eogresources.com</u>>

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 Moralei

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>

Co: 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 (nAPP2223452585) 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

beog 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

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:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	160035
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created		Condition Date
rhamle	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