



June 29, 2022

Vertex Project #: 22E-00123-08

Spill Closure Report: Mallard HM Fee Battery (Section 28, Township 18 South, Range 26 East)
API: 30-015-22052
County: Eddy
Incident Report: NMLB1212853714, 2RP-1113/nKMW0735549685

Prepared For: **EOG Resources, Inc.**
104 South 4th Street
Artesia, New Mexico 88210

New Mexico Oil Conservation Division - District 2 Artesia
811 South 1st Street
Artesia, New Mexico 88210

EOG Resources, Inc. (EOG) retained Vertex Resource Services Inc. (Vertex) to conduct a Spill Assessment for two historical releases which had occurred at Mallard HM Fee Battery, API 30-015-22052, Incident NMLB1212853714, 2RP-1113 and nKMW0735549685 (hereafter referred to as "Mallard"). EOG provided notification to New Mexico Oil Conservation District (NMOCD) District 2 and the private landowner via submission of an initial C-141 Release Notifications (Attachment 1). This letter provides a description of the Spill Assessment and includes a request for Spill Closure. The spill area is located at N 32.71646, W -104.38778.

Background

The site is located approximately 1 mile South of Dayton, New Mexico. The legal location for the site is Section 28, Township 18 South and Range 26 East in Eddy County, New Mexico. The spill area is located on private property. An aerial photograph and site schematic were included in NMOCD approved Remediation Plan and Variance Request.

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2014 – 2017) indicates the site's surface geology is comprised primarily of Qp - Piedmont alluvial deposits (Holocene to lower Pleistocene) and is characterized as Reagan loam and Reagan-Upton association. Predominant soil texture on the site is loamy. Ecological settings of the area include vegetation of black grama, tobosa, bunch grasses, threeawns, and forbs. Tarbush, creosote, and mesquite can be invaders of the site following extended disturbance and are most likely to retain dominance if allowed to alter natural fire regime.

The surrounding landscape is associated with alluvial fans and fan remnants typical of elevations between 1,100 to 5,300 feet above sea level. The climate is semi-arid with an average annual precipitation ranging between 7 to 15 inches. This soil tends to be well drained with low runoff and moderate available water supply (United States Department of Agriculture, Natural Resource Conservation Service, 2021).

There is no surface water located on-site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 of the New Mexico Administrative Code (NMAC), is the Pecos River, located 4.64 miles east of the site (Google Earth
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Mallard HM Fee Battery, NMLB12128537142/nKMW0735549685

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Pro, 2021). There are no continuously flowing watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features at Mallard, as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Incident Description

The first release occurred on August 1, 2007, due to a blown fuse on the water pump resulting in the overflow of the water tank. This spill was reported on August 1, 2007 and involved the amount of approximately 10 barrels (bbl.) of produced water into the secondary containment. Approximately 5 bbl. of free fluid was removed during initial spill cleanup. The NMOCD c-141 Report: nKMW0735549685 is included in Attachment 1. The daily field reports (DFRs) and site photographs from the initial characterization were included in the NMOCD approved Remediation Plan and Variance request.

The second release occurred on April 3, 2012, due to a large volume of water being forced into the separation system. The spill was reported on April 4, 2012 and involved the release of approximately 201 barrels (bbl.) of produced oil and an unknown amount of produced water into secondary containment. Approximately 110 bbl. of free fluid was removed during initial spill clean-up. The NMOCD C-141 Report: NMLB1212853714, 2RP-1113 is included in Attachment 1. The daily field reports (DFRs) and site photographs from the initial characterization were included in the NMOCD approved Remediation Plan and Variance request.

Closure Criteria Determination

The depth to groundwater was determined using information from National Water Information System on the United States Geological Survey website. A 0.5-mile search radius was used to determine groundwater depth. The closest recorded depth to groundwater was determined to be 123 feet below ground surface (bgs) and 0.18 miles from the site. Documentation used in Closure Criteria Determination research was included in the Characterization and Remediation Plan submitted and approved by NMOCD.

EOG Resources, Inc.

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Spill Coordinates:		X: 32.71646	Y: -104.38778
Site Specific Conditions		Value	Unit
1	Depth to Groundwater	123	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	24,503	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	41,613	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	2,783	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	2,783	feet
	ii) Within 1000 feet of any fresh water well or spring	2,783	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	9,097	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
9	Within an unstable area (Karst Map)		Critical High Medium Low
10	Within a 100-year Floodplain	500	year
11	Soil Type	Reagan Loam	
12	Ecological Classification	Loamy	
13	Geology	Qp	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	>100'	<50' 51-100' >100'

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 1.

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Table 1. Closure Criteria for Soils to Remediation & Reclamation Standards		
0-4 feet bgs (19.15.29.13)	Constituent	Limit
	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
DTGW > 100 feet (19.15.29.12)	Chloride	20,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids, TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics, BTEX – benzene, toluene, ethylbenzene and xylenes

Remedial Actions Taken

An initial site inspection of the area was completed on February 2, 2022, which identified the area of the spill specified in the initial C-141 Reports, estimated the approximate volume of the spill and white lined the area required for the 811 One Call request. The impacted area was determined to be approximately 388 feet long and 194 feet wide; the total affected area was determined to be 43,648 square feet. The DFRs associated with the remediation site inspections are included in Attachment 2. Vertex completed delineation around the tank battery containment and pad area, field screens and laboratory results included within the remediation workplan, and variance request submission for approval by NMOCD.

Remediation efforts began on February 7, 2022 and were completed on March 21, 2022. Vertex personnel supervised the excavation of impacted soils. Field screening was completed each day on multiple samples and consisted of analysis using a photo ionization detector (volatile hydrocarbons), Dextsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and titration/electrical conductivity meter (chlorides). Field screening results were used to identify areas requiring further remediation from those areas showing concentrations below determined closure criteria levels. Soils were removed to a depth of 4 feet bgs and depths of 8, 10, and 16 feet bgs in areas with elevated levels of hydrocarbons and chlorides. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Documentation of the remediation efforts is included in the DFRs in Attachment 2.

A remediation plan and variance request were completed and submitted to the NMOCD for approval to complete sampling of the excavation area at 1,000 square feet that was denied but approved by NMOCD for every 500 square feet. A midway sampling event was completed to submit with the remediation plan and variance request to provide analysis of the ongoing excavation. Remediation was completed to meet reclamation standards of the entire site. Confirmation sampling was scheduled to begin at the approved sampling square footage. Notification of the approved variance request is included in Attachment 3.

Notification that confirmatory samples were being collected was provided to the NMOCD on May 19, 2022 and is included in Attachment 3. Notification for a missing wall sample was submitted on June 16, 2022 and its collection is also included with Attachment 3. Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments for the wall samples and every 500 square feet for the base samples of the 4-

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3101 Boyd Drive, Carlsbad, New Mexico 88220, USA | P 575.725.5001

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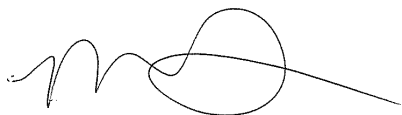
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foot excavation per the approved variance request submitted with the remediation plan to NMOCD. A total of 199 samples were collected for laboratory analysis following NMOCD soil sampling procedures. The site schematic of confirmation sampling points can be found in Figure 2 Attachment 4. The total area of the excavation was 63,764 square feet. Samples were submitted to Hall Environmental Laboratory under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 2, Attachment 5 and the laboratory data reports can be found in Attachment 6. All confirmatory samples collected and analyzed were below closure criteria for the site.

Closure Request

The spill area was fully delineated, remediated and backfilled with local soils. Confirmatory sample notification emails are presented in Attachment 3. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations “greater 101 feet to groundwater” and reclamation standards. Based on these findings, EOG requests that this spill be closed.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.361.9880 or mpeppin@vertex.ca.



Monica Peppin
PROJECT MANAGER, REPORTING

June 29, 2022

Date

Attachments

- Attachment 1. NMOCD C-141 Reports
- Attachment 2. Daily Field Reports with Pictures
- Attachment 3. Variance Approval and Confirmatory Sampling Notifications
- Attachment 4. Figure
- Attachment 5. Table
- Attachment 6. Laboratory Data Reports and COCs

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References

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- Assessed and Impaired Waters of New Mexico*. New Mexico Department of Surface Water Quality Bureau, (2019). Retrieved from <https://gis.web.env.nm.gov/oem/?map=swqb>
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- Point of Diversion Location Report*. New Mexico Water Rights Reporting System, (2019). Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html>
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- Soil Survey, New Mexico*. United States Department of Agriculture, Soil Conservation Service in Cooperation with New Mexico Agricultural Experiment Station. (1971). Retrieved from http://www.wipp.energy.gov/library/Information_Repository_A/Supplemental_Information/Chugg%20et%20al%201971%20w-map.pdf

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June 2022

Limitations

This report has been prepared for the sole benefit of EOG Resources, Inc. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division, without the express written consent of Vertex Resource Services Inc. (Vertex) and EOG Resources, Inc. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

ATTACHMENT 1

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

APR 13 2012

NMOCD ARTESIA

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

NMLB1212853714

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street		Telephone No. 575-748-1471
Facility Name Mallard HM Fee Battery	API Number 30-015-22052	Facility Type Battery
Surface Owner Fee	Mineral Owner Fee	Lease No.

LOCATION OF RELEASE

Unit Letter L	Section 28	Township 18S	Range 26E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32.71646 Longitude 104.38778

NATURE OF RELEASE

Type of Release Oil & Water	Volume of Release 201 B/O & ??? B/PW	Volume Recovered 110 B/O & 0 B/PW
Source of Release Production Tank	Date and Hour of Occurrence 4/3/2012 - AM	Date and Hour of Discovery 4/3/2012 - AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher/NMOCD II	
By Whom? Robert Asher/Yates Petroleum Corporation	Date and Hour 3/24/2012 - AM 4/4/12 8:14 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		

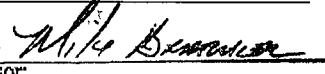
Describe Cause of Problem and Remedial Action Taken.*

Reason for release is being investigated. A large volume of water was forced into the production separating system; this system could not handle the increased volume and caused water to flow into production tank resulting in oil and water in tank to come out of thief hatch. Vacuum truck(s) and cleanup crew called.

Describe Area Affected and Cleanup Action Taken.*

An approximate area of 60' x 105', (inside bermed battery). Vacuum truck(s) recovered remaining oil and tanks being cleaned. Impacted soils being removed (hauled to an NMOCD approved facility). Initial vertical/horizontal delineation samples within the impacted area will be analyzed for TPH/BTEX (Chlorides for reference). If initial analytical results for TPH/BTEX are under RRAL's a Final Report, C-141 will be submitted to the NMOCD requesting closure. If the analytical results are above the RRAL, a work plan will be submitted to the NMOCD. Depth to Ground Water: 50-99' (approx. 90', Section 28, 18S-26E, NMOSE), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Robert Asher	Signed By  Approved by District Supervisor:	
Title: Senior Environmental Regulatory Agent	Approval Date: MAY 07 2012	Expiration Date:
E-mail Address: boba@yatespetroleum.com	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: 6/7/2012	
Date: Friday, April 13, 2012 Phone: 575-748-4217	Attached ☐	

* Attach Additional Sheets If Necessary

2RP-1113

Incident ID	NMLB1212853714
District RP	2RP-1113
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental

Signature: Chase Settle Date: 06/29/2022

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

District I
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State of New Mexico
Energy Minerals and Natural Resources
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1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

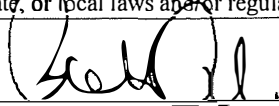
Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street	Telephone No. 505-748-1471	JAN 18 2008
Facility Name Mallard HM Tank Battery	API Number 30-015-00254	Facility Type Battery
		OCD-ARTESIA
Surface Owner Fee	Mineral Owner Fee	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	28	18S	26E	330	South	2310	West	Eddy

Latitude 32.71244 Longitude 104.38749

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 10 B/PW	Volume Recovered 5 B/PW
Source of Release Water Tank	Date and Hour of Occurrence 8/1/2007 - AM	Date and Hour of Discovery 8/1/2007 - AM
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* Water tank ran over, blown fuse on water pump. Water contained within berm, vacuum truck called.		
Describe Area Affected and Cleanup Action Taken.* An approximate area of 20' X 25'. Contaminated soils have been excavated and taken to an OCD approved land facility. Vertical and horizontal delineation will be made and corrective action taken Depth to Ground Water: 50-99', Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10. Based on enclosed information, Yates Petroleum Corporation requests closure.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Robert Asher	Approved by District Supervisor:	
Title: Environmental Regulatory Agent	Approval Date:	Expiration Date:
E-mail Address: boba@ypcnm.com	Conditions of Approval:	Attached ☐
Date: Friday, January 18, 2008	Phone: 505-748-1471	

* Attach Additional Sheets If Necessary

Incident ID	nKMW0735549685
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental
Signature: Chase Settle Date: 06/29/2022
email: chase_settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: OCD Date: 6/30/2022

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

Closure Approved by: Ashley Maxwell Date: 2/06/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

ATTACHMENT 2



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/3/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/4/2022 12:58 AM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/3/2022 8:15 AM
Departed Site	3/3/2022 4:00 PM

Field Notes

8:42 Safety meeting complete, first round of trucks loaded

8:42 Starting excavation this morning on the west wall north of the pile

8:47 Power trucks on site to take down pole

9:10 Waiting for the power guys to finish clearing everything out before we start the excavation back up

9:55 Created a sampling plan for the characterization wall samples

10:20 On characterization sampling: BH22-01 through BH22-25 all wall samples from the current excavation. BH22-26 through BH22-50 will all be base samples to characterize 4' excavation. All sample points in collector.

16:01 Moved fence to encompass road

Next Steps & Recommendations

1 Continue characterization and excavation

Daily Site Visit Report



Site Photos

Viewing Direction: Southwest



Power lines coming down

Viewing Direction: Southeast



Pole coming down off pad

Viewing Direction: Southwest



Poles almost all taken down along the ROW

Viewing Direction: West



Bringing out the west wall slowly toward road, to preserve roadway if at all possible



Daily Site Visit Report

Viewing Direction: East  Descriptive Photo - 5 Viewing Direction: East Desc: South side of pad Created: 6/30/2022 4:00:22 PM Lat:32.716124, Long:-104.589167 South side of pad	Viewing Direction: Northeast  Descriptive Photo - 6 Viewing Direction: Northeast Desc: Pad excavation Created: 6/30/2022 4:00:01 PM Lat:32.716046, Long:-104.589144 Pad excavation
Viewing Direction: North  Descriptive Photo - 7 Viewing Direction: North Desc: Excavation Created: 6/30/2022 4:01:22 PM Lat:32.716014, Long:-104.587908 Excavation	Viewing Direction: Southeast  Descriptive Photo - 8 Viewing Direction: Southeast Desc: Excavation Created: 6/30/2022 4:00:00 PM Lat:32.716046, Long:-104.589144 Excavation

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

Signature 

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/4/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BH22-01	4.0		40				283		✓	✓	
BH22-02	4.0		45				370		✓	✓	
BH22-03	4.0		23				280		✓	✓	
BH22-04	4.0		21				250		✓	✓	
BH22-05	4.0		35				377		✓	✓	
BH22-06	4.0		64				377		✓	✓	
BH22-07	4.0		46				363		✓	✓	
BH22-08	4.0		3000				1405		✓	✓	
BH22-09	4.0		66				715		✓	✓	
BH22-10	4.0		19				2180		✓	✓	
BH22-11	4.0		59				4905		✓	✓	
BH22-12	4.0		109				205		✓	✓	
BH22-13	4.0		324				1435		✓	✓	
BH22-14	4.0		274				1418		✓	✓	
BH22-15	4.0		16				172		✓	✓	
BH22-16	4.0		12				150		✓	✓	
BH22-17	4.0		23				230		✓	✓	
BH22-18	4.0		9				260		✓	✓	
BH22-19	4.0		15				220		✓	✓	
BH22-20	4.0		30				2075		✓	✓	
BH22-21	4.0		45				1450		✓	✓	
BH22-22	4.0		42				3220		✓	✓	
BH22-23	4.0		39				6370		✓	✓	
BH22-24	4.0		25				372		✓	✓	
BH22-25	4.0		30				250		✓	✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/4/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/4/2022 8:37 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/4/2022 7:00 AM
Departed Site	3/4/2022 1:45 PM

Field Notes

8:12 Overcast with a slight chance of rain. GPS not working; trying to map out excavation on the computer

10:11 Running field screens for base characterization samples BH22-26 through BH22-50

10:53 Water truck coming through for the second time today

Next Steps & Recommendations

1 Continue excavation

Daily Site Visit Report



Site Photos

Viewing Direction: North



Descriptive Photo - 1
Viewing Direction: North
Desc: Digging out pad west toward road
Created: 3/4/2022 9:12:47 AM
Lat:32.718056, Long:-104.387889

Digging out pad west toward road

Viewing Direction: Northwest



Descriptive Photo - 2
Viewing Direction: Northwest
Desc: Running out of space for loader, will soon have to build ramp
Created: 3/4/2022 9:13:23 AM
Lat:32.718049, Long:-104.387890

Running out of space for loader, will soon have to build ramp

Viewing Direction: Southeast



Descriptive Photo - 3
Viewing Direction: Southeast
Desc: Part of east wall that came back hot yesterday
Created: 3/4/2022 9:14:08 AM
Lat:32.718056, Long:-104.387832

Part of east wall that came back hot yesterday

Viewing Direction: East



Descriptive Photo - 4
Viewing Direction: East
Desc: Part of east wall that came back hot yesterday
Created: 3/4/2022 9:14:08 AM
Lat:32.718056, Long:-104.387832

Part of east wall that came back hot yesterday



Daily Site Visit Report

Viewing Direction: Southwest



Remaining pad area from north

Viewing Direction: West



Hot section of west wall

Viewing Direction: Southeast



Excavation at midday

Viewing Direction: South



Remainder of pad area



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

Signature 

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/4/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BH22-26	4.0		72				757	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BH22-27	4.0		53				1590	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BH22-28	4.0		569				582	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BH22-29	4.0		567				2695	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BH22-30	4.0		53				1067	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BH22-31	4.0		104				3355	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			

Daily Soil Sampling



BH22-32	4.0		50				875	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-33	4.0		3300				3437	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-34	4.0		70				902	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-35	4.0		78				3317	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-36	4.0		692				785	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-37	4.0		68				1595	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-38	4.0		7070				3655	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-39	4.0		98				7390	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-40	4.0		27				100	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BH22-41	4.0		2620				270	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-42	4.0		160				5120	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-43	4.0		25				375	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-44	4.0		23				3580	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-45	4.0		39				2115	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-46	4.0		155				2778	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-47	4.0		268				885	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-48	4.0		62				765	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BH22-49	4.0		75				993	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BH22-50	4.0		113				2288	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
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Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/7/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/8/2022 12:08 AM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/7/2022 8:00 AM
Departed Site	3/7/2022 3:00 PM

Field Notes

8:58 Finished loading 17 trucks before 8

9:00 Working on the west wall, first cleaning up the pile area then moving toward the road west of the berm. Collected samples from east wall where characterization indicated we'd need to go farther out.

9:32 Moving the fence farther east to allow more excavation

9:33 Loading the second round of trucks

11:03 Loading up the rental trackhoe to take it off site

13:59 Built a ramp into the excavation for the loader

Next Steps & Recommendations

- 1 Continue to clean on east and west walls
- 2 Confirmation and backfill

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



Southern part of site this morning

Viewing Direction: West



Stockpiles and west wall

Viewing Direction: South



West wall

Viewing Direction: South



Outlined planned excavation toward road



Daily Site Visit Report

Viewing Direction: Southeast



Slowly progressing on hot sections of east wall

Viewing Direction: South



Moving out toward road

Viewing Direction: Southeast



Excavation

Viewing Direction: Northeast



North end of the excavation



Daily Site Visit Report

Viewing Direction: Southeast



Spot on the east wall that's still over 2000 ppm TPH

Viewing Direction: Northwest



North half of the excavation

Viewing Direction: South



South half of the excavation

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/7/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BH22-01	4.0		3000				720				
BH22-02	4.0		161				432				
BH22-03	4.0		116				608				
BH22-04	4.0		74				554				



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/8/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/8/2022 11:50 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/8/2022 8:00 AM
Departed Site	3/8/2022 3:45 PM

Field Notes

8:28 Loaded the first round of 16 trucks

8:29 Talked to George Flores from EOG about safety concerns and site operations. He plans to wait until work here is done before removing power lines between Mallard and 285

10:23 Running the line finder

10:46 Water truck came through

13:01 Loading more trucks

Next Steps & Recommendations

- 1 Sample the new areas on east and west walls, dig more where necessary
- 2 Start digging base after walls are set
- 3 Continue with confirmation and backfill

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



Work on pile

Viewing Direction: Southeast



Clearing up dirt from road

Viewing Direction: Southeast



Cleaning up walls

Viewing Direction: Southwest



Still not taking out the road, but getting closer.



Daily Site Visit Report

Viewing Direction: South



Progress on west wall

Viewing Direction: Southeast



Excavation

Viewing Direction: Northeast



Excavation

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/9/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/9/2022 11:40 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/9/2022 8:00 AM
Departed Site	3/9/2022 3:45 PM

Field Notes

- 11:12** Samples along part of road still coming back hot. Making a plan to divert trucks through excavation so we can start digging into the road.
- 11:26** Wind is picking up

Next Steps & Recommendations

- 1 Continue to clean on the west side

Daily Site Visit Report



Site Photos

Viewing Direction: West



Descriptive Photo - 1
Viewing Direction: West
Desc: Water truck
Created: 3/9/2022 9:06:16 AM
Lat: 32.715673, Long: -104.387782

Water truck

Viewing Direction: East



Descriptive Photo - 10
Viewing Direction: East
Desc: Excavator ready to start building the ramp
Created: 3/9/2022 2:57:43 PM
Lat: 32.715677, Long: -104.388106

Getting ready to start building the ramp

Viewing Direction: Northeast



Descriptive Photo - 11
Viewing Direction: Northeast
Desc: South end of pad
Created: 3/9/2022 2:58:02 PM
Lat: 32.715832, Long: -104.388187

South end of pad

Viewing Direction: North



Descriptive Photo - 12
Viewing Direction: North
Desc: Full wall on west side
Created: 3/9/2022 2:58:38 PM
Lat: 32.715834, Long: -104.388166

Full wall on west side



Daily Site Visit Report

Viewing Direction: North



Excavation from south

Viewing Direction: North



East wall

Viewing Direction: Southeast



Southern part of excavation

Viewing Direction: East



Digging the exit ramp toward the north side of the west wall



Daily Site Visit Report

Viewing Direction: West



Almost completely through Pad to road

Viewing Direction: Northwest



Excavation

Viewing Direction: Southwest



South end of excavation

Viewing Direction: South



Road before



Daily Site Visit Report

Viewing Direction: South  Descriptive Photo - 6 Viewing Direction: South Date: Removing the rest of the west wall Created: 3/9/2022 1:51:26 PM Lat:32.718994, Long:-104.388376	Viewing Direction: Southwest  Descriptive Photo - 5 Viewing Direction: Southwest Date: Got a second loader on site Created: 3/9/2022 1:51:26 PM Lat:32.718994, Long:-104.388376
Removing the rest of the west wall	Got a second loader on site
Viewing Direction: Southeast  Descriptive Photo - 4 Viewing Direction: Southeast Date: East wall finally cleared up Created: 3/9/2022 1:51:26 PM Lat:32.718994, Long:-104.388376	Viewing Direction: Northeast  Descriptive Photo - 3 Viewing Direction: Northeast Date: No news on the north end Created: 3/9/2022 1:51:26 PM Lat:32.718994, Long:-104.388376
East wall finally cleared up	No news on the north end

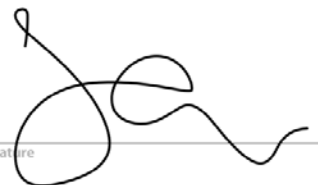
Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/9/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BH22-01	4.0		8				588				
BH22-02	4.0		22				330				
BH22-03	4.0		0				545				
BH22-04	4.0		90				560				
BH22-05	4.0		6				550				
BH22-06	4.0		54				560				
BH22-07	4.0		103				961				



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/10/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/10/2022 11:13 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 3/10/2022 8:00 AM

Departed Site 3/10/2022 4:15 PM

Field Notes

8:42 Safety meeting complete, first round of trucks loaded. Beginning work with west wall

11:14 Working on getting east wall clean after re-screening some areas

Next Steps & Recommendations

- 1 Dig to clean on east and west walls
- 2 Continue to dig base

Daily Site Visit Report



Site Photos

Viewing Direction: South



One of the trucks having mechanical trouble

Viewing Direction: Southeast



Pile

Viewing Direction: East



Completed exit ramp

Viewing Direction: East



Completed entrance ramp



Daily Site Visit Report

Viewing Direction: South  Descriptive Photo - 4 Viewing Direction: South Desc: Excavation Created: 3/10/2022 1:30:28 PM Lat:32.716692, Long:-104.389282 Excavation	Viewing Direction: Southeast  Descriptive Photo - 5 Viewing Direction: Southeast Desc: Loading trucks in the excavation Created: 3/10/2022 1:36:36 PM Lat:32.716692, Long:-104.389282 Loading trucks in the excavation
Viewing Direction: Southeast  Descriptive Photo - 6 Viewing Direction: Southeast Desc: Progress on the east wall Created: 3/10/2022 2:22:46 PM Lat:32.716692, Long:-104.389282 Progress on the east wall	Viewing Direction: Southeast  Descriptive Photo - 7 Viewing Direction: Southeast Desc: East wall Created: 3/10/2022 2:22:46 PM Lat:32.716692, Long:-104.389282 East wall



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:


Signature



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/14/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/14/2022 10:06 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/14/2022 8:15 AM
Departed Site	3/14/2022 3:00 PM

Field Notes

9:32 Working on catching up after Friday's snow

9:33 Windy this morning, likely will be all day.

10:47 Loading the second round of trucks. Expecting 21 trucks each round

11:47 Excavating by hand around the line

14:55 Still have hot spots on east and west walls

Next Steps & Recommendations

- 1 Continue work on walls
- 2 Hopefully start digging the base on Wednesday

Daily Site Visit Report



Site Photos

Viewing Direction: South



Excavation

Viewing Direction: South



Windy and dusty, even after 2 passes with the water truck

Viewing Direction: Southeast



Loading trucks

Viewing Direction: Northeast



North side of the excavation



Daily Site Visit Report

Viewing Direction: Southwest



Dead line in the west wall

Viewing Direction: Southeast



Still windy and dusty

Viewing Direction: East



Line found by hand crew off west wall

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

Signature A handwritten signature in black ink, appearing to be 'SC', written over a horizontal line.



Daily Site Visit Report

Client:	<u>EOG Resources Inc.</u>	Inspection Date:	<u>3/15/2022</u>
Site Location Name:	<u>Mallard HM Fee Battery</u>	Report Run Date:	<u>3/15/2022 11:02 PM</u>
Client Contact Name:	<u>Chase Settle</u>	API #:	<u>30-015-22052</u>
Client Contact Phone #:	<u>575-703-6537</u>		
Unique Project ID	<u></u>	Project Owner:	<u></u>
Project Reference #	<u></u>	Project Manager:	<u></u>

Summary of Times

Arrived at Site 3/15/2022 8:00 AM

Departed Site 3/15/2022 4:30 PM

Field Notes

8:15 Safety meeting complete

10:01 Water truck made a couple of passes

Next Steps & Recommendations

1 Continue to clean on base

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



Site this morning

Viewing Direction: Southeast



8' excavation under sample points 38 and 41

Viewing Direction: Southeast



Southern half of excavation

Viewing Direction: West



Down to 8' under BH22-33



Daily Site Visit Report

Viewing Direction: East  Descriptive Photo - 13 Viewing Direction: East Date: East wall of 8' AD excavation under BH22-38 and BH22-41 Created: 3/15/2022 2:11:58 PM Lat: 32.716694, Long: -104.889136 East wall of 8' excavation under BH22-38 and BH22-41	Viewing Direction: West  Descriptive Photo - 14 Viewing Direction: West Date: West wall of 8' AD excavation under BH22-38 and BH22-41 Created: 3/15/2022 2:12:04 PM Lat: 32.716694, Long: -104.889136 West wall of 8' excavation under BH22-38 and BH22-41
Viewing Direction: South  Descriptive Photo - 15 Viewing Direction: South Date: South wall of 8' AD excavation under BH22-38 and BH22-41 Created: 3/15/2022 2:12:11 PM Lat: 32.716694, Long: -104.889136 South wall of 8' excavation under BH22-38 and BH22-41	Viewing Direction: North  Descriptive Photo - 16 Viewing Direction: North Date: North wall of 8' AD excavation under BH22-38 and BH22-41 Created: 3/15/2022 2:12:17 PM Lat: 32.716694, Long: -104.889136 North wall of 8' excavation under BH22-38 and BH22-41



Daily Site Visit Report

Viewing Direction: Southeast



8' holes marked for truck safety

Viewing Direction: South



Down to 8' at BH21-09

Viewing Direction: North



Going down to 10' under BH22-38

Viewing Direction: Southeast



Excavation



Daily Site Visit Report

Viewing Direction: South



8' excavation under battery area exhibiting dark black color and strong odor

Viewing Direction: West



Excavating down to 8'

Viewing Direction: Southeast



Excavation from northwest corner

Viewing Direction: Northeast



North end of excavation



Daily Site Visit Report

Viewing Direction: East



Excavation from exit ramp

Viewing Direction: Southeast



Excavation from exit ramp

Viewing Direction: South



Excavation from exit ramp

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to be 'Sally Carttar', written over a thin horizontal line. The word 'Signature' is printed in small text below the line on the left.

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/15/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BH22-01	8.0		4240				4012				
BH22-02	8.0		7980				3528				
BH22-03	8.0		200				4112				
BH22-04	8.0		1410				3011				
BH22-05	8.0		1960				2862				
BH22-06	8.0		20000				3175				



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/16/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/16/2022 10:51 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 3/16/2022 7:45 AM

Departed Site 3/16/2022 3:45 PM

Field Notes

8:25 Safety meeting complete, resuming excavation

Next Steps & Recommendations

- 1 Tomorrow: 5' s on the south wall of 33, remove bench in east wall at 38/41, and take the bottom down 1' at 38/41
- 2 Continue with excavation and confirmation

Daily Site Visit Report



Site Photos

Viewing Direction: West



Descriptive Photo - 1
Viewing Direction: West
Desc: West wall under 38 got worse 8-10' bgs
Created: 3/16/2022 8:28:41 AM
Lat:32.716572, Long:-104.388141

West wall under 38 got worse 8-10' bgs

Viewing Direction: Northeast



Descriptive Photo - 10
Viewing Direction: Northeast
Desc: Excavation currently
Created: 3/16/2022 3:20:02 PM
Lat:32.716494, Long:-104.388384

Excavation currently

Viewing Direction: Southeast



Descriptive Photo - 11
Viewing Direction: Southeast
Desc: Excavation currently
Created: 3/16/2022 3:20:20 PM
Lat:32.716496, Long:-104.388369

Excavation currently

Viewing Direction: Northeast



Descriptive Photo - 2
Viewing Direction: Northeast
Desc: Starting work this morning
Created: 3/16/2022 8:27:28 AM
Lat:32.716507, Long:-104.388146

Starting work this morning



Daily Site Visit Report

Viewing Direction: South



South side of excavation

Viewing Direction: South



Re-routed trucks around west of base excavations

Viewing Direction: Southeast



33 at 10'

Viewing Direction: Southeast



Wall under 38



Daily Site Visit Report

Viewing Direction: Southwest



38 and 41 down to 12'

Viewing Direction: West



Some samples from 8-12' are a little rocky and hard to incorporate

Viewing Direction: East



12' excavation from west wall of 4'

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to be 'Sally Carttar', written over a horizontal line. The word 'Signature' is printed in small text to the left of the line.

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/16/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-01	10.0		940				2810				
BES22-05	10.0		1200				5811				
BES22-06	10.0		3850				5321				
WES22-02	8.0		6870				3515				
WES22-03	8.0		2360				4288				
WES22-04	8.0		970				2516				
WES22-07	8.0		1120				3025				
WES22-08	8.0		40				1288				
WES22-09	8.0		700				2168				



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/17/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/17/2022 10:19 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 3/17/2022 8:00 AM

Departed Site 3/17/2022 3:30 PM

Field Notes

9:41 Pretty windy today. Water truck spraying truck route

10:14 Loading the second round of trucks

13:53 Loading trucks round three

Next Steps & Recommendations

1 Clean up walls and floor of 16'

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



Working the big hole to 16'

Viewing Direction: Southwest



Discoloration under 38 and 41

Viewing Direction: Southeast



Excavation currently

Viewing Direction: Southwest



Excavation currently



Daily Site Visit Report

Viewing Direction: Southwest



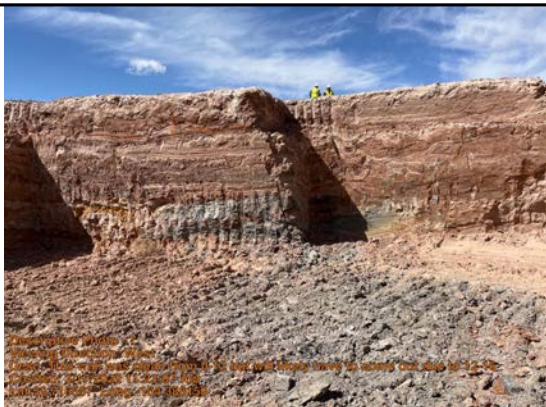
Still 10' under 33

Viewing Direction: Southwest



At 16' below 38 and 41

Viewing Direction: West



This wall was clean from 0-12 but will likely have to come out due to 12-16'

Viewing Direction: Northeast



Cleaning up by hand around the line

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

Signature 

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/17/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
WES22-01	4.0						350				
WES22-02	16.0		4510				1310				
WES22-03	16.0		210				2649				
WES22-04	16.0		120				1117				
WES22-05	16.0		130				1020				
WES22-06	16.0		100				1290				
WES22-07	12.0		1150				1788				
WES22-08	16.0		4340				3695				
WES22-09	12.0		2330				3040				



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/18/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/18/2022 9:36 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/18/2022 8:05 AM
Departed Site	3/18/2022 2:45 PM

Field Notes

9:18 Water truck passing through

9:41 Collecting 4 base samples at 16' depth, labeled on map as excavated boreholes BH22-37, BH22-38, BH22-41, and BH22-51

Next Steps & Recommendations

1 Clean up excavation and begin confirmation sampling

Daily Site Visit Report



Site Photos

Viewing Direction: Southeast



Pulled out the west wall of the 16' excavation, found more discolored and odorous sediments

Viewing Direction: South



16' excavation

Viewing Direction: South



Truck loading

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to read 'Sally Carttar', written over a horizontal line. The word 'Signature' is printed in small text below the line.



Daily Soil Sampling

Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/18/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BH22-33	10.0	7	720				2375			✓	
BH22-37	16.0	1340	2380				430			✓	
BH22-38	16.0	63	340				2005			✓	
BH22-41	16.0	1506	1510				800			✓	
BH22-51	16.0	2660	4490				1043			✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	3/21/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	3/21/2022 10:30 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/21/2022 7:00 AM
Departed Site	3/21/2022 12:30 PM

Field Notes

7:17 Loading the first round of trucks

9:14 Running wall samples from 16' excavation

9:30 Wind picking up

10:47 Still windy, second round of trucks passing through.

11:49 12-16' of center section of west wall of 16' excavation and SW quarter of base of 16' still around 5000 ppm TPH

12:01 Water truck making another pass

Next Steps & Recommendations

1 Double check to make sure those two spots are clean, then hold for confirmation sampling.

Daily Site Visit Report



Site Photos

Viewing Direction: Southwest



SW corner of 16' excavation

Viewing Direction: South



From center

Viewing Direction: Southwest



From center

Viewing Direction: West



From center



Daily Site Visit Report

Viewing Direction: Northwest



From center

Viewing Direction: North



From center

Viewing Direction: Northeast



From center

Viewing Direction: North



New truck route around east of deep excavations



Daily Site Visit Report

Viewing Direction: North



Descriptive Photo - 2
Viewing Direction: North
Desc: Excavation
Created: 3/21/2022 9:42:34 AM
Lat:32.731476, Long:-104.388361

Excavation

Viewing Direction: Southwest



Descriptive Photo - 3
Viewing Direction: Southwest
Desc: Water truck
Created: 3/21/2022 9:42:37 AM
Lat:32.731476, Long:-104.388365

Water truck

Viewing Direction: South



Descriptive Photo - 4
Viewing Direction: South
Desc: Excavation
Created: 3/21/2022 10:42:37 AM
Lat:32.731476, Long:-104.388361

Excavation

Viewing Direction: South



Descriptive Photo - 5
Viewing Direction: South
Desc: Angling the ramp so trucks can come around the east side of the excavation
Created: 3/21/2022 10:42:53 AM
Lat:32.731476, Long:-104.388365

Angling the ramp so trucks can come around the east side of the excavation



Daily Site Visit Report

Viewing Direction: Southwest



Pushing out the last hot spot in the wall of the 16'

Viewing Direction: Northwest



16' excavation

Viewing Direction: East



Looking east from center of excavation

Viewing Direction: Southeast



From center

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Sally Carttar

Signature:

A handwritten signature in black ink, appearing to read 'Sc', written over a horizontal line. The word 'Signature' is printed in small text to the left of the line.

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 3/21/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
WES22-01	16.0	1742	5090				3593				
WES22-02	16.0	2	100				4220				
WES22-03	16.0	2	200				3140				
WES22-04	16.0	1	190				3520				
WES22-05	16.0	1	230				3740				



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	5/24/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	5/24/2022 10:19 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 5/24/2022 7:45 AM

Departed Site 5/24/2022 3:30 PM

Field Notes

7:53 4' Excavation Base Sample Collection

Next Steps & Recommendations

1 Continue collecting and field testing base samples toward the center of the excavation.

Daily Site Visit Report



Site Photos

Viewing Direction: Northeast



Site on Arrival

Viewing Direction: North



Collecting Base Samples

Viewing Direction: South



Collecting Base Samples

Viewing Direction: Southwest



Collecting Base Samples



Daily Site Visit Report

Viewing Direction: North  Descriptive Photo - 4 Viewing Direction: North Desc: Collecting Base Samples Created: 5/24/2022 9:55:05 AM Lat:32.718070, Long:-104.387815	Viewing Direction: Northwest  Descriptive Photo - 5 Viewing Direction: Northwest Desc: Collecting Base Samples Created: 5/24/2022 9:59:48 AM Lat:32.718549, Long:-104.387815
Collecting Base Samples	Collecting Base Samples
Viewing Direction: West  Descriptive Photo - 6 Viewing Direction: West Desc: Collecting Base Samples Created: 5/24/2022 9:10:22 AM Lat:32.718707, Long:-104.387868	Viewing Direction: South  Descriptive Photo - 7 Viewing Direction: South Desc: Collecting Base Samples Created: 5/24/2022 9:10:38 AM Lat:32.718849, Long:-104.387908
Collecting Base Samples	Collecting Base Samples



Daily Site Visit Report

Viewing Direction: Southeast	Viewing Direction: Southwest
 Descriptive Photo - 8 Viewing Direction: Southwest Date: Collecting Base Samples Created: 5/24/2022 9:11:43 AM Lat:32.716922, Long:-104.399199	 Descriptive Photo - 8 Viewing Direction: Southwest Date: Collecting Base Samples Created: 5/24/2022 9:12:11 AM Lat:32.716922, Long:-104.399199
Collecting Base Samples	Collecting Base Samples

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Jarod Florez

Signature:

A handwritten signature in black ink, appearing to read 'Jarod Florez', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 5/27/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
WES22-01	4.0	0	38				292	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-02	4.0	0	24				410	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-03	4.0	0	30				300	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-04	4.0	0	23				317	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-05	4.0	0	15				380	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
WES22-06	4.0	0	19				332	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			

Daily Soil Sampling



WES22-08	4.0	0	25				357	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-09	4.0	0	21				597	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-10	4.0	0	18				340	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-11	4.0	0	35				232	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-12	4.0	0	1				237	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-13	4.0	0	52				592	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-14	4.0	0	28				312	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-15	4.0	0	25				115	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-16	4.0	0	43				157	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



WES22-17	4.0	0	36				247	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-18	4.0	0	41				252	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-19	4.0	0	10				545	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-20	4.0	0	22				317	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-21	4.0	0	38	0.18	21.3	148	270	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-22	4.0	0	29				320	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-23	4.0	0	41				350	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-24	4.0	0	22				363	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-25	7.0	0	158	3.10	20.3	4406		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



WES22-25	10.0	0	71	2.37	20.4	3348	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-26	7.0	0	24	1.53	20.3	2140	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-26	10.0	0	32	0.65	20.4	865	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-27	7.0	0	258	1.75	21.4	2410	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-27	10.0	0	21	1.05	20.8	1425	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-28	7.0	0	27	2.13	20.7	2989	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-28	10.0	0	86	3.97	20.9	5636	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-29	8.0	0	277	1.45	21.2	1985	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-29	12.0	0	68	0.46	21.4	548	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	

Daily Soil Sampling



WES22-29	16.0	0	200	2.89	22.1	4025	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-30	8.0	0	172	2.10	25.2	2750	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-30	12.0	0	26	1.12	21.2	1509	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-30	16.0	0	520	2.35	22.6	3224	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-31	8.0	0	56	2.40	23.6	3253	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-31	12.0	0	14	0.69	21.9	858	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-31	16.0	0	150	0.80	22.9	974	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-32	8.0	0	84	2.07	22.7	2815	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
WES22-32	12.0	0	106	2.56	22	3553	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	

Daily Soil Sampling



WES22-32	16.0	0	120	1.70	23.4	2251	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-33	8.0	0	118	1.42	23.1	1860	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-33	12.0	0	86	2.12	22.9	2879	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-33	16.0	0	50	2.30	23.1	3130	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-34	8.0	0	11	2.06	24.5	2723	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-34	12.0	0	108	2.21	21.3	3078	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-34	16.0	0	570	3.00	23.2	4136	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-35	8.0	0	139	1.73	24.1	2264	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-35	12.0	0	64	0.95	21.3	1259	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



WES22-35	16.0	0	100	0.80	22.5	991		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-36	8.0	0	100	2.00	22.5	2723		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-36	12.0	0	63	2.05	22.3	2804		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-36	16.0	0	160	1.70	22.6	2286		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-37	8.0	0	114	2.41	21.2	3371		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
WES22-38	8.0	0	237	2.44	21.4	3406		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	5/25/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	5/25/2022 10:45 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site 5/25/2022 9:15 AM

Departed Site 5/25/2022 3:30 PM

Field Notes

9:30 Continue Base Sample Collection and Field Screening

Next Steps & Recommendations

- 1 Continue with Base Sample Field Screening
- 2 Use of Heavy Equipment to safely Collect soil samples from 16' excavation

Daily Site Visit Report



Site Photos

Viewing Direction: South



Site on arrival

Viewing Direction: North



Site on arrival

Viewing Direction: West



Site on arrival

Viewing Direction: East



Soil Sample Collection

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Jarod Florez

Signature:

A handwritten signature in black ink, appearing to read 'Jarod Florez', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 5/26/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-01	4.0		62				205	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-02	4.0	0	47				320	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-03	4.0	0	87				2177	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-03	4.0	0	75	1.71	24.5	2218		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-05	4.0	0	58	0.54	24.3	538		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-06	4.0	0	48	0.30	24.5	183		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			

Daily Soil Sampling



BES22-07	4.0	0	1012	0.30	23.8	213	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-08	4.0	0	162	1.29	23.9	1638	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-09	4.0	0	0	1.06	24	1301	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-10	4.0	0	86	1.04	23.4	1298	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-100	4.0	0	583	2.86	27.4	3752	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-101	4.0	0	106	1.29	27.3	1490	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-102	4.0	0	114	0.89	27.5	904	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-103	4.0	0	226	1.62	25.9	2027	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-104	4.0	0	185	3.09	27	4101	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	

Daily Soil Sampling



BES22-105	4.0	0	908	6.15	22.3	8721		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-106	4.0	0	339	6.20	22.4	8789		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-107	4.0	0	352	5.97	22.5	8453		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-108	4.0	0	95	0.31	22.2	297		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-109	4.0	0	18	2.24	22.8	3056		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-11	4.0	0	145	1.11	23.9	1378		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-110	4.0	0	242	1.02	22.9	1291		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-111	4.0	0	149	1.32	22.2	1755		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-112	4.0	0	100	4.13	22.9	5780		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-113	4.0	0	124	2.95	23	4072	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-114	4.0	0	54	1.11	22.6	1434	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-115	4.0	0	8	1.00	22.8	1267	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-116	4.0	0	30	0.55	23	609	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-117	4.0	0	24	0.46	22.2	513	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-118	4.0	0	42	2.24	22.9	3052	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-119	4.0	0	45	0.49	23	522	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-12	4.0	0	299	2.36	24.2	3169	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-120	4.0	0	375	1.61	20.3	2255	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-121	4.0	0	0	1.00	21.2	1336	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-122	4.0	0	211	2.99	21.3	4204	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-123	16.0	0	280	0.89	22.1	1138	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-124	16.0	0	650	2.00	22.8	2710	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-125	16.0	0	130	1.69	22.9	2258	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-126	16.0	0	156	0.80	22.3	1000	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-127	16.0	0	150	1.20	22.9	1551	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-128	16.0	0	242	2.90	23.1	3996	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-129	16.0	0	160	3.76	23.4	5224	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	

Daily Soil Sampling



BES22-13	4.0	0	126	1.77	24.4	2309	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-130	16.0	0	130	1.65	22.9	2201	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-131	16.0	0	60	2.30	23.3	3121	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-132	16.0	0	350	1.55	21.1	2134	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-133	16.0	0	150	0.85	22.2	1076	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-134	16.0	0	200	1.86	22.4	2525	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-135	16.0	0	60	3.00	23.1	4140	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-136	16.0	0	80	1.60	22.3	2154	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-137	16.0	0	75	1.85	23.1	2481	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-138	16.0	0	35	1.15	22.9	1479	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-139	16.0	0	100	0.90	22.9	1118	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-14	4.0	0	150	1.61	24.9	2056	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-140	8.0	0	76	1.62	20.8	2248	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-15	4.0	0	149	0.77	23.6	900	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-16	4.0	0	71	0.63	24.2	672	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-17	4.0	0	1151	2.44	24	3293	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-18	4.0	0	1021	3.02	25.1	4083	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-19	4.0	0	394	1.14	24.4	1399	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-20	4.0	0	863	0.86	24.8	978	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-21	4.0	0	762	0.98	24.5	1164	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-22	4.0	0	1187	2.33	25.1	3087	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-23	4.0	0	1117	3.29	25.8	4442	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-24	4.0	0	297	2.55	24.8	3417	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-25	4.0	0	79	2.21	25.1	2913	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-26	4.0	0	302	1.84	24.9	2388	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-27	4.0	0	1023	5.56	25.1	7749	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-28	4.0	0	466	1.59	25.6	1997	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-29	4.0	0	173	1.40	25.8	1714	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-30	4.0	0	75	1.73	26	2182	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-31	4.0	0	120	1.13	23.1	1441	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-32	4.0	0	90	0.33	22.8	300	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-33	4.0	0	25	2.16	22.9	2937	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-34	4.0	0	150	1.30	22.6	1708	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-35	4.0	0	240	1.00	23.2	1249	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-36	4.0	0	110	3.89	23.1	5425	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-37	4.0	0	95	1.72	24.6	2228	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-38	4.0	0	450	1.60	24.8	2046	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-39	4.0	0	285	1.80	24.4	2352	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-40	4.0	0	80	2.15	24.8	2840	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-41	4.0	0	165	1.35	24.6	1694	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-42	4.0	0	171	0.93	22	1200	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-43	4.0	0	322	1.38	22.6	1824	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-44	4.0	0	553	1.17	23.1	1499	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-45	4.0	0	46	1.83	22	2499	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-46	4.0	0	89	1.06	22	1388	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-47	4.0	0	160	2.26	22	3120		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-48	4.0	0	429	2.48	22.1	3433		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-49	4.0	0	301	5.16	21.8	7314		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-50	4.0	0	256	1.56	21.9	2114		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-51	4.0	0	68	1.05	21.7	1386		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-52	4.0	0	232	1.09	22	1431		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-53	4.0	0	770	0.92	22.2	1177		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-54	4.0	0	282	1.57	22.9	2085		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-55	4.0	0	299	5.47	20	7839		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-56	4.0	0	348	4.69	19.7	6727	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-57	4.0	0	142	2.02	22.8	2739	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-58	4.0	0	47	2.61	23.9	3543	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-59	4.0	0	27	2.20	20.1	3116	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-60	4.0	0	131	4.26	23.3	5950	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-61	4.0	0	504	2.15	23.2	2909	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-62	4.0	0	360	4.66	23.4	6523	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-63	4.0	0	433	1.36	21.5	1843	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-64	4.0	0	152	1.22	22.1	1615	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-65	4.0	0	160	1.75	20.3	2457	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-66	4.0	0	126	1.14	21.1	1542	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-67	4.0	0	79	1.00	23.7	1228	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-68	4.0	0	664	1.56	25	1980	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-69	4.0	0	85	6.79	24.1	9567	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-70	4.0	0	185	2.25	23.9	3023	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-71	4.0	0	61	2.83	24.1	3852	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-72	4.0	0	160	1.40	21.3	1909	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-73	4.0	0	294	7.01	22.3	9963	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-74	4.0	0	642	2.03	22.9	2749	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-75	4.0	0	152	0.79	22.5	977	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-76	4.0	0	129	1.68	22.9	2244	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-77	4.0	0	154	1.14	23.3	1447	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-78	4.0	0	106	0.83	22.9	1017	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-79	4.0	0	48	2.28	23.3	3092	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-80	4.0	0	154	3.76	23.4	5224	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-81	4.0	0	192	1.98	21.2	2750	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-82	4.0	0	948	2.63	21.2	3689	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-83	4.0	0	579	2.55	22.7	3508	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-84	4.0	0	62	4.53	23.1	6349	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-85	4.0	0	70	1.82	22.3	2472	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-86	4.0	0	534	2.40	22.5	3300	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-87	4.0	0	240	2.95	23.5	4051	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-88	4.0	0	173	2.13	23.8	2854	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-89	4.0	0	54	3.06	24.7	4158	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-90	4.0	0	28	1.12	25	1345	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-91	4.0	0	419	1.87	18.9	2691	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-92	4.0	0	89	1.90	18.7	2743		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-93	4.0	0	61	1.03	18.8	1483		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-94	4.0	0	285	1.40	22.7	1848		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-95	4.0	0	35	0.54	24.7	521		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-96	4.0	0	216	1.50	23.9	1941		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-97	4.0	0	363	5.06	26.4	6971		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-98	4.0	0	213	2.67	27.2	3486		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-99	4.0	0	603	2.64	26.2	3486		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	



Daily Site Visit Report

Client:	EOG Resources Inc.	Inspection Date:	5/26/2022
Site Location Name:	Mallard HM Fee Battery	Report Run Date:	5/26/2022 9:27 PM
Client Contact Name:	Chase Settle	API #:	30-015-22052
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	5/26/2022 7:45 AM
Departed Site	5/26/2022 2:30 PM

Field Notes

- 12:13** Continue Confirmation Field Screening
- 12:14** Used Heavy Equipment to complete Wall Sampling

Next Steps & Recommendations

- 1** Await for Confirmation Sample results to be returned from the lab.

Daily Site Visit Report



Site Photos

Viewing Direction: Northwest



Arrival on site

Viewing Direction: Southwest



Arrival on site

Viewing Direction: Southwest



Back Hoe used for Wall Sampling

Viewing Direction: Northwest



Water Truck Used for dust control

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Jarod Florez

Signature:

A handwritten signature in black ink, appearing to read 'Jarod Florez', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

Daily Soil Sampling



Client: Client: EOG Resources Inc.

Location: Site: Mallard HM Fee Battery

Date: (SD: 5/26/22)

Sampling											
		Field Screening							Data Collection		
		Hydrocarbon		Chloride							
Sample ID	Depth (ft)	VOC (PID)	TPH (ppm)	EC Reading (mS/cm)	Temp (°C)	EC Chloride (ppm)	Chloride Titration (ppm)	Lab Analysis	Photo Taken	Marked on Sketch	Refusal Depth (ft)
BES22-01	4.0		62				205	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-02	4.0	0	47				320	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-03	4.0	0	87				2177	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-03	4.0	0	75	1.71	24.5	2218		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-05	4.0	0	58	0.54	24.3	538		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			
BES22-06	4.0	0	48	0.30	24.5	183		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)			

Daily Soil Sampling



BES22-07	4.0	0	1012	0.30	23.8	213	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-08	4.0	0	162	1.29	23.9	1638	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-09	4.0	0	0	1.06	24	1301	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-10	4.0	0	86	1.04	23.4	1298	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-100	4.0	0	583	2.86	27.4	3752	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-101	4.0	0	106	1.29	27.3	1490	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-102	4.0	0	114	0.89	27.5	904	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-103	4.0	0	226	1.62	25.9	2027	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	
BES22-104	4.0	0	185	3.09	27	4101	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	

Daily Soil Sampling



BES22-105	4.0	0	908	6.15	22.3	8721		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-106	4.0	0	339	6.20	22.4	8789		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-107	4.0	0	352	5.97	22.5	8453		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-108	4.0	0	95	0.31	22.2	297		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-109	4.0	0	18	2.24	22.8	3056		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-11	4.0	0	145	1.11	23.9	1378		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-110	4.0	0	242	1.02	22.9	1291		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-111	4.0	0	149	1.32	22.2	1755		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-112	4.0	0	100	4.13	22.9	5780		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-113	4.0	0	124	2.95	23	4072	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-114	4.0	0	54	1.11	22.6	1434	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-115	4.0	0	8	1.00	22.8	1267	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-116	4.0	0	30	0.55	23	609	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-117	4.0	0	24	0.46	22.2	513	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-118	4.0	0	42	2.24	22.9	3052	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-119	4.0	0	45	0.49	23	522	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-12	4.0	0	299	2.36	24.2	3169	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-120	4.0	0	375	1.61	20.3	2255	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-121	4.0	0	0	1.00	21.2	1336		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-122	4.0	0	211	2.99	21.3	4204		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-123	16.0	0	280	0.89	22.1	1138		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-124	16.0	0	650	2.00	22.8	2710		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-125	16.0	0	130	1.69	22.9	2258		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-126	16.0	0	156	0.80	22.3	1000		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-127	16.0	0	150	1.20	22.9	1551		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-128	16.0	0	242	2.90	23.1	3996		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-129	16.0	0	160	3.76	23.4	5224		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-13	4.0	0	126	1.77	24.4	2309	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-130	16.0	0	130	1.65	22.9	2201	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-131	16.0	0	60	2.30	23.3	3121	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-132	16.0	0	350	1.55	21.1	2134	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-133	16.0	0	150	0.85	22.2	1076	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-134	16.0	0	200	1.86	22.4	2525	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-135	16.0	0	60	3.00	23.1	4140	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-136	16.0	0	80	1.60	22.3	2154	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-137	16.0	0	75	1.85	23.1	2481	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-138	16.0	0	35	1.15	22.9	1479	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-139	16.0	0	100	0.90	22.9	1118	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-14	4.0	0	150	1.61	24.9	2056	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-140	8.0	0	76	1.62	20.8	2248	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-15	4.0	0	149	0.77	23.6	900	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-16	4.0	0	71	0.63	24.2	672	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-17	4.0	0	1151	2.44	24	3293	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-18	4.0	0	1021	3.02	25.1	4083	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-19	4.0	0	394	1.14	24.4	1399	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-20	4.0	0	863	0.86	24.8	978		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-21	4.0	0	762	0.98	24.5	1164		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-22	4.0	0	1187	2.33	25.1	3087		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-23	4.0	0	1117	3.29	25.8	4442		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-24	4.0	0	297	2.55	24.8	3417		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-25	4.0	0	79	2.21	25.1	2913		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-26	4.0	0	302	1.84	24.9	2388		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-27	4.0	0	1023	5.56	25.1	7749		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-28	4.0	0	466	1.59	25.6	1997		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-29	4.0	0	173	1.40	25.8	1714	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-30	4.0	0	75	1.73	26	2182	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-31	4.0	0	120	1.13	23.1	1441	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-32	4.0	0	90	0.33	22.8	300	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-33	4.0	0	25	2.16	22.9	2937	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-34	4.0	0	150	1.30	22.6	1708	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-35	4.0	0	240	1.00	23.2	1249	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-36	4.0	0	110	3.89	23.1	5425	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-37	4.0	0	95	1.72	24.6	2228	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-38	4.0	0	450	1.60	24.8	2046	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-39	4.0	0	285	1.80	24.4	2352	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-40	4.0	0	80	2.15	24.8	2840	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-41	4.0	0	165	1.35	24.6	1694	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-42	4.0	0	171	0.93	22	1200	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-43	4.0	0	322	1.38	22.6	1824	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-44	4.0	0	553	1.17	23.1	1499	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-45	4.0	0	46	1.83	22	2499	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-46	4.0	0	89	1.06	22	1388	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-47	4.0	0	160	2.26	22	3120		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-48	4.0	0	429	2.48	22.1	3433		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-49	4.0	0	301	5.16	21.8	7314		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-50	4.0	0	256	1.56	21.9	2114		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-51	4.0	0	68	1.05	21.7	1386		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-52	4.0	0	232	1.09	22	1431		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-53	4.0	0	770	0.92	22.2	1177		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-54	4.0	0	282	1.57	22.9	2085		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	
BES22-55	4.0	0	299	5.47	20	7839		Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		✓	

Daily Soil Sampling



BES22-56	4.0	0	348	4.69	19.7	6727	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-57	4.0	0	142	2.02	22.8	2739	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-58	4.0	0	47	2.61	23.9	3543	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-59	4.0	0	27	2.20	20.1	3116	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-60	4.0	0	131	4.26	23.3	5950	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-61	4.0	0	504	2.15	23.2	2909	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-62	4.0	0	360	4.66	23.4	6523	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-63	4.0	0	433	1.36	21.5	1843	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-64	4.0	0	152	1.22	22.1	1615	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-65	4.0	0	160	1.75	20.3	2457	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-66	4.0	0	126	1.14	21.1	1542	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-67	4.0	0	79	1.00	23.7	1228	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-68	4.0	0	664	1.56	25	1980	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-69	4.0	0	85	6.79	24.1	9567	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-70	4.0	0	185	2.25	23.9	3023	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-71	4.0	0	61	2.83	24.1	3852	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-72	4.0	0	160	1.40	21.3	1909	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-73	4.0	0	294	7.01	22.3	9963	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-74	4.0	0	642	2.03	22.9	2749	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-75	4.0	0	152	0.79	22.5	977	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-76	4.0	0	129	1.68	22.9	2244	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-77	4.0	0	154	1.14	23.3	1447	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-78	4.0	0	106	0.83	22.9	1017	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-79	4.0	0	48	2.28	23.3	3092	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-80	4.0	0	154	3.76	23.4	5224	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-81	4.0	0	192	1.98	21.2	2750	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-82	4.0	0	948	2.63	21.2	3689	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-83	4.0	0	579	2.55	22.7	3508	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-84	4.0	0	62	4.53	23.1	6349	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-85	4.0	0	70	1.82	22.3	2472	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-86	4.0	0	534	2.40	22.5	3300	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-87	4.0	0	240	2.95	23.5	4051	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-88	4.0	0	173	2.13	23.8	2854	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-89	4.0	0	54	3.06	24.7	4158	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-90	4.0	0	28	1.12	25	1345	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-91	4.0	0	419	1.87	18.9	2691	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓

Daily Soil Sampling



BES22-92	4.0	0	89	1.90	18.7	2743	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-93	4.0	0	61	1.03	18.8	1483	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-94	4.0	0	285	1.40	22.7	1848	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-95	4.0	0	35	0.54	24.7	521	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-96	4.0	0	216	1.50	23.9	1941	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-97	4.0	0	363	5.06	26.4	6971	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-98	4.0	0	213	2.67	27.2	3486	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓
BES22-99	4.0	0	603	2.64	26.2	3486	Benzene (EPA SW-846 Method 8021B/8260B), BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓



Daily Site Visit Report

Client:	<u>EOG Resources Inc.</u>	Inspection Date:	<u>6/20/2022</u>
Site Location Name:	<u>Mallard HM Fee Battery</u>	Report Run Date:	<u>6/20/2022 9:50 PM</u>
Client Contact Name:	<u>Chase Settle</u>	API #:	<u>30-015-22052</u>
Client Contact Phone #:	<u>575-703-6537</u>		
Unique Project ID	<u></u>	Project Owner:	<u></u>
Project Reference #	<u></u>	Project Manager:	<u></u>

Summary of Times

Arrived at Site	<u>6/20/2022 2:45 PM</u>
Departed Site	<u>6/20/2022 3:00 PM</u>

Field Notes

14:43 On site to collect WES22-21

14:54 WES22-21 is clean on all field screening.

Next Steps & Recommendations

1 Send sample to lab

Daily Site Visit Report



Site Photos

Viewing Direction: Northwest



Generative Photo - 1
Facing Direction: West
Title: Sample area for WES22-21
Created: 6/20/2022 2:07:38 PM
Lat: 32.719114, Long: -104.983398

Sample area for WES22-21

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Chance Dixon

Signature:

A handwritten signature in black ink, appearing to be 'CD' with a stylized flourish.

Signature

ATTACHMENT 3

Monica Peppin

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Thursday, May 19, 2022 8:53 AM
To: Michael Moffitt; Monica Peppin
Subject: FW: Mallard HM Fee Battery (2RP-1113) Sampling Notification

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, May 19, 2022 8:18 AM
To: Robert.Hamlet@state.nm.us; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Jennifer.Nobui@state.nm.us; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Mallard HM Fee Battery (2RP-1113) Sampling Notification

Good Morning,

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

Mallard HM Fee Battery
28-18S-26E
Eddy County, NM
2RP-1113

Sampling will begin at 8:00 a.m. on Monday, May 23, 2022 and will be continuous through Friday, May 27, 2022.

Thank you,

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



Monica Peppin

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Thursday, June 16, 2022 2:53 PM
To: Monica Peppin
Subject: FW: Mallard HM Fee Battery (2RP-1113) Sampling Notification

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, June 16, 2022 2:06 PM
To: Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon <Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet <Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Mallard HM Fee Battery (2RP-1113) Sampling Notification

Good afternoon,

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

Mallard HM Fee Battery
28-18S-26E
Eddy County, NM
2RP-1113

Sampling will begin at 2:30 p.m. on Monday, June 20, 2022.

Thanks,

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



Monica Peppin

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Monday, May 16, 2022 3:16 PM
To: Monica Peppin
Cc: Michael Moffitt
Subject: FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 104057

From: Katie Jamison <Katie_Jamison@eogresources.com>
Sent: Monday, May 16, 2022 3:10 PM
To: Chase Settle <Chase_Settle@eogresources.com>
Cc: Yvette Moore <Yvette_Moore@eogresources.com>
Subject: FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 104057

Confirmation sampling variance approval with modifications on Mallard HM Fee Battery

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, May 16, 2022 3:01 PM
To: Katie Jamison <Katie_Jamison@eogresources.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 104057

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

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nMLB1212853714, with the following conditions:

- **1000 square foot request for confirmation sampling is DENIED, however, in those areas indicated a 500 square foot range for confirmation sampling is approved.**

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.

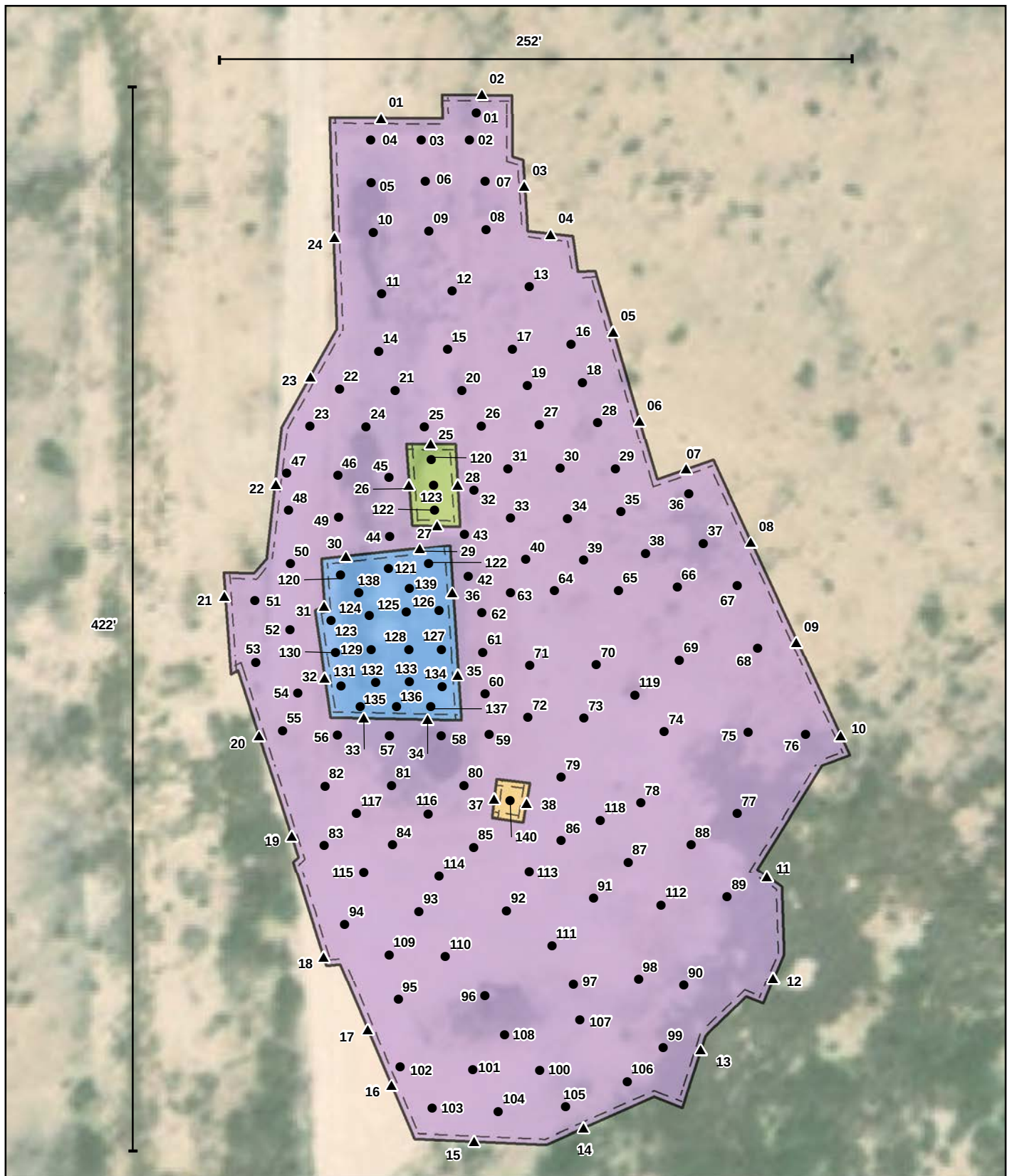
Thank you,
Bradford Billings
Hydrologist/E.Spec.A
505-670-6549
bradford.billings@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

ATTACHMENT 4



- Base Sample (Prefixed by "BS22-")
- ▲ Wall Sample (Prefixed by "WS22-")
-  4' Excavation Area (~63,765 sq. ft.)
-  10' Excavation Area (~621 sq. ft.)
-  8' Excavation Area (~197 sq. ft.)
-  16' Excavation Area (~3,479 sq. ft.)



0 10 20 40 ft.
NAD 1983 UTM Zone 13N
Date: Jun 27/22

Map Center:
Lat: 32.716584,
Long: -104.388016



Confirmatory Sample Locations Mallard HM #002

FIGURE:
2



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Background image from Esri, 2018. Feature locations from GPS, Vertex Professional Services., 2021.

VERSATILITY. EXPERTISE.

ATTACHMENT 5

Client Name: EOG Resources, Inc.

Site Name: Mallard HM Fee Battery

NMOCD Tracking #: NMLB1212853714/2RP-1113

Project #: 22E-00123-08

Lab Reports: 2205A89, 2205D09, 2205B77, 2206B24

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
WS22-01	0-4	5/23/2022	-	38	292	ND	ND	ND	ND	ND	ND	ND	78
WS22-02	0-4	5/23/2022	-	24	410	ND	ND	ND	ND	ND	ND	ND	110
WS22-03	0-4	5/23/2022	-	30	300	ND	ND	ND	ND	ND	ND	ND	ND
WS22-04	0-4	5/23/2022	-	23	317	ND	ND	ND	ND	ND	ND	ND	ND
WS22-05	0-4	5/23/2022	-	15	380	ND	ND	ND	ND	ND	ND	ND	ND
WS22-06	0-4	5/23/2022	-	19	332	ND	ND	ND	ND	ND	ND	ND	ND
WS22-07	0-4	5/23/2022	-	26	290	ND	ND	ND	ND	ND	ND	ND	ND
WS22-08	0-4	5/23/2022	-	25	357	ND	ND	ND	ND	ND	ND	ND	ND
WS22-09	0-4	5/23/2022	-	21	597	ND	ND	ND	ND	ND	ND	ND	440
WS22-10	0-4	5/23/2022	-	18	340	ND	ND	ND	ND	ND	ND	ND	ND
WS22-11	0-4	5/23/2022	-	35	232	ND	ND	ND	ND	ND	ND	ND	62
WS22-12	0-4	5/23/2022	-	1	237	ND	ND	ND	ND	ND	ND	ND	ND
WS22-13	0-4	5/23/2022	-	52	592	ND	ND	ND	ND	ND	ND	ND	410
WS22-14	0-4	5/23/2022	-	28	312	ND	ND	ND	ND	ND	ND	ND	120
WS22-15	0-4	5/23/2022	-	25	115	ND	ND	ND	ND	ND	ND	ND	ND
WS22-16	0-4	5/23/2022	-	43	157	ND	ND	ND	ND	ND	ND	ND	ND
WS22-17	0-4	5/23/2022	-	36	247	ND	ND	ND	ND	ND	ND	ND	230
WS22-18	0-4	5/23/2022	-	41	252	ND	ND	ND	ND	ND	ND	ND	260
WS22-19	0-4	5/23/2022	-	10	545	ND	ND	ND	ND	ND	ND	ND	290
WS22-20	0-4	5/23/2022	-	22	317	ND	ND	ND	ND	ND	ND	ND	ND
WS22-21	0-4	6/20/2022	-	38	270	ND	ND	ND	ND	ND	ND	ND	ND
WS22-22	0-4	5/23/2022	-	29	320	ND	ND	ND	ND	ND	ND	ND	ND
WS22-23	0-4	5/23/2022	-	41	350	ND	ND	ND	ND	ND	ND	ND	ND
WS22-24	0-4	5/23/2022	-	22	363	ND	ND	ND	ND	ND	ND	ND	ND
WS22-25	4-7	5/25/2022	-	158	4,406	ND	ND	ND	33	ND	33	33	3100
WS22-25	7-10	5/25/2022	-	71	3,348	ND	ND	ND	14	ND	14	14	1600
WS22-26	4-7	5/25/2022	-	24	2,140	ND	ND	ND	ND	ND	ND	ND	1300
WS22-26	7-10	5/25/2022	-	32	865	ND	ND	ND	ND	ND	ND	ND	340
WS22-27	4-7	5/25/2022	-	258	2,410	ND	ND	ND	48	ND	48	48	1200
WS22-27	7-10	5/25/2022	-	21	1,425	ND	ND	ND	ND	ND	ND	ND	1100
WS22-28	4-7	5/25/2022	-	27	2,989	ND	ND	ND	ND	ND	ND	ND	2300
WS22-28	7-10	5/25/2022	-	86	5,636	ND	ND	ND	31	ND	31	31	3500
WS22-29	4-8	5/26/2022	-	277	1,985	ND	ND	ND	61	ND	61	61	750
WS22-29	8-12	5/26/2022	-	68	548	ND	ND	ND	ND	ND	ND	ND	130
WS22-29	12-16	5/26/2022	-	200	4,025	ND	ND	ND	59	ND	59	59	2400
WS22-30	4-8	5/26/2022	-	172	2,750	ND	ND	ND	31	ND	31	31	1700
WS22-30	8-12	5/26/2022	-	26	1,509	ND	ND	ND	ND	ND	ND	ND	430
WS22-30	12-16	5/26/2022	-	520	3,224	ND	ND	ND	200	110	200	310	1300
WS22-31	4-8	5/26/2022	-	56	3,253	ND	ND	ND	20	ND	20	20	1900
WS22-31	8-12	5/26/2022	-	14	858	ND	ND	ND	ND	ND	ND	ND	410
WS22-31	12-16	5/26/2022	-	150	974	ND	ND	ND	29	ND	29	29	400
WS22-32	4-8	5/26/2022	-	84	2,815	ND	ND	ND	10	ND	10	10	1900
WS22-32	8-12	5/26/2022	-	106	3,553	ND	ND	ND	ND	ND	ND	ND	1400
WS22-32	12-16	5/26/2022	-	120	2,251	ND	ND	ND	15	ND	15	15	1300
WS22-33	4-8	5/26/2022	-	118	1,860	ND	ND	ND	34	ND	34	34	1100
WS22-33	8-12	5/26/2022	-	86	2,879	ND	ND	ND	20	ND	20	20	1700
WS22-33	12-16	5/26/2022	-	50	3,130	ND	ND	ND	ND	ND	ND	ND	1400
WS22-34	4-8	5/26/2022	-	11	2,723	ND	ND	ND	39	ND	39	39	1700
WS22-34	8-12	5/26/2022	-	108	3,078	ND	ND	ND	ND	ND	ND	ND	1500
WS22-34	12-16	5/26/2022	-	570	4,136	ND	ND	ND	260	230	260	490	1400

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)								
WS22-35	4-8	5/26/2022	-	139	2,264	ND	ND	ND	35	ND	35	35	1500
WS22-35	8-12	5/26/2022	-	64	1,259	ND	ND	ND	ND	ND	ND	ND	1100
WS22-35	12-16	5/26/2022	-	100	991	ND	ND	ND	17	ND	17	17	580
WS22-36	4-8	5/26/2022	-	100	2,723	ND	ND	ND	13	ND	13	13	1900
WS22-36	8-12	5/26/2022	-	63	2,804	ND	ND	ND	ND	ND	ND	ND	2200
WS22-36	12-16	5/26/2022	-	160	2,286	ND	ND	ND	20	ND	20	20	810
WS22-37	4-8	5/25/2022	-	114	3,371	ND	ND	ND	25	ND	25	25	2300
WS22-38	4-8	5/25/2022	-	237	3,406	ND	ND	ND	56	ND	56	56	2400
BS22-01	4	5/24/2022	-	62	205	ND	ND	ND	ND	ND	ND	ND	ND
BS22-02	4	5/24/2022	-	47	320	ND	ND	ND	ND	ND	ND	ND	120
BS22-03	4	5/24/2022	-	87	2,177	ND	ND	ND	ND	ND	ND	ND	2400
BS22-04	4	5/24/2022	-	75	2,218	ND	ND	ND	ND	ND	ND	ND	1700
BS22-05	4	5/24/2022	-	58	538	ND	ND	ND	ND	ND	ND	ND	140
BS22-06	4	5/24/2022	-	48	183	ND	ND	ND	ND	ND	ND	ND	77
BS22-07	4	5/24/2022	-	1,012	213	ND	ND	ND	29	82	29	111	100
BS22-08	4	5/24/2022	-	162	1,638	ND	ND	ND	9.1	ND	9.1	9.1	1000
BS22-09	4	5/24/2022	-	0	1,301	ND	ND	ND	ND	ND	ND	ND	480
BS22-10	4	5/24/2022	-	86	1,298	ND	ND	ND	10	ND	10	10	750
BS22-11	4	5/24/2022	-	145	1,378	ND	ND	ND	14	ND	14	14	700
BS22-12	4	5/24/2022	-	299	3,169	ND	ND	ND	30	ND	30	30	1900
BS22-13	4	5/24/2022	-	126	2,309	ND	ND	ND	ND	ND	ND	ND	1300
BS22-14	4	5/24/2022	-	150	2,056	ND	ND	ND	37	ND	37	37	1000
BS22-15	4	5/24/2022	-	149	900	ND	ND	ND	ND	ND	ND	ND	320
BS22-16	4	5/24/2022	-	71	672	ND	ND	ND	ND	ND	ND	ND	250
BS22-17	4	5/24/2022	-	1,151	3,293	ND	ND	ND	380	200	380	580	2300
BS22-18	4	5/24/2022	-	1,021	4,083	ND	ND	ND	220	110	220	330	3200
BS22-19	4	5/24/2022	-	394	1,399	ND	ND	ND	59	49	59	108	740
BS22-20	4	5/24/2022	-	863	978	ND	ND	ND	200	120	200	320	480
BS22-21	4	5/24/2022	-	762	1,164	ND	ND	ND	150	110	150	260	550
BS22-22	4	5/24/2022	-	1,187	3,087	ND	ND	ND	350	180	350	530	1900
BS22-23	4	5/24/2022	-	1,117	4,442	ND	ND	ND	250	210	250	460	3500
BS22-24	4	5/24/2022	-	297	3,417	ND	ND	ND	130	ND	130	130	2400
BS22-25	4	5/24/2022	-	79	2,913	ND	ND	ND	ND	ND	ND	ND	610
BS22-26	4	5/24/2022	-	302	2,388	ND	ND	ND	200	ND	200	200	1300
BS22-27	4	5/24/2022	-	1,023	7,749	ND	ND	ND	170	110	170	280	4100
BS22-28	4	5/24/2022	-	466	1,997	ND	ND	ND	55	ND	55	55	470
BS22-29	4	5/24/2022	-	173	1,714	ND	ND	ND	15	ND	15	15	1100
BS22-30	4	5/24/2022	-	75	2,182	ND	ND	ND	ND	ND	ND	ND	1800
BS22-31	4	5/25/2022	-	120	1,441	ND	ND	ND	14	ND	14	14	5500
BS22-32	4	5/25/2022	-	90	300	ND	ND	ND	9.9	ND	9.9	9.9	83
BS22-33	4	5/25/2022	-	25	2,937	ND	ND	ND	ND	ND	ND	ND	2200
BS22-34	4	5/25/2022	-	150	1,708	ND	ND	ND	21	ND	21	21	1200
BS22-35	4	5/25/2022	-	240	1,249	ND	ND	ND	17	ND	17	17	640
BS22-36	4	5/25/2022	-	110	5,425	ND	ND	ND	ND	ND	ND	ND	4200
BS22-37	4	5/25/2022	-	95	2,228	ND	ND	ND	ND	ND	ND	ND	1600
BS22-38	4	5/25/2022	-	450	2,046	ND	ND	ND	85	56	85	141	520
BS22-39	4	5/25/2022	-	285	2,352	ND	ND	ND	240	ND	240	240	1300
BS22-40	4	5/25/2022	-	80	2,840	ND	ND	ND	ND	ND	ND	ND	720
BS22-41	4	5/25/2022	-	165	1,694	ND	ND	ND	13	ND	13	13	1100
BS22-42	4	5/25/2022	-	171	1,200	ND	ND	ND	ND	35	ND	35	560
BS22-43	4	5/25/2022	-	322	1,824	ND	ND	ND	190	150	190	340	1000
BS22-44	4	5/25/2022	-	553	1,499	ND	ND	ND	140	110	140	250	870
BS22-45	4	5/25/2022	-	46	2,499	ND	ND	ND	ND	ND	ND	ND	1700
BS22-46	4	5/25/2022	-	89	1,388	ND	ND	ND	ND	ND	ND	ND	460
BS22-47	4	5/25/2022	-	160	3,120	ND	ND	ND	20	ND	20	20	2100
BS22-48	4	5/25/2022	-	429	3,433	ND	ND	ND	110	110	110	220	2400
BS22-49	4	5/25/2022	-	301	7,314	ND	ND	ND	120	130	120	250	5900

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)								
BS22-50	4	5/25/2022	-	256	2,114	ND	ND	ND	53	ND	53	53	1500
BS22-51	4	5/25/2022	-	68	1,386	ND	ND	ND	12	ND	12	12	740
BS22-52	4	5/25/2022	-	232	1,431	ND	ND	ND	42	ND	42	42	830
BS22-53	4	5/25/2022	-	770	1,177	ND	ND	ND	99	74	99	173	660
BS22-54	4	5/25/2022	-	282	2,085	ND	ND	ND	71	68	71	139	1200
BS22-55	4	5/25/2022	-	142	7,839	ND	ND	ND	33	ND	33	33	8100
BS22-56	4	5/25/2022	-	47	6,727	ND	ND	ND	53	53	53	106	5500
BS22-57	4	5/25/2022	-	299	2,739	ND	ND	ND	ND	ND	ND	ND	2300
BS22-58	4	5/25/2022	-	348	3,543	ND	ND	ND	ND	ND	ND	ND	490
BS22-59	4	5/25/2022	-	27	3,116	ND	ND	ND	ND	ND	ND	ND	1600
BS22-60	4	5/25/2022	-	131	5,950	ND	ND	ND	22	ND	22	22	2900
BS22-61	4	5/25/2022	-	504	2,909	ND	ND	ND	94	61	94	155	1800
BS22-62	4	5/25/2022	-	360	6,523	ND	ND	ND	78	64	78	142	1100
BS22-63	4	5/25/2022	-	433	1,843	ND	ND	ND	36	ND	36	36	700
BS22-64	4	5/25/2022	-	152	1,615	ND	ND	ND	15	ND	15	15	940
BS22-65	4	5/25/2022	-	160	2,457	ND	ND	ND	15	ND	15	15	2300
BS22-66	4	5/25/2022	-	126	1,542	ND	ND	ND	ND	ND	ND	ND	860
BS22-67	4	5/25/2022	-	79	1,228	ND	ND	ND	ND	ND	ND	ND	690
BS22-68	4	5/25/2022	-	664	1,980	ND	ND	ND	110	77	110	187	1200
BS22-69	4	5/25/2022	-	85	9,567	ND	ND	ND	ND	ND	ND	ND	5000
BS22-70	4	5/25/2022	-	185	3,023	ND	ND	ND	44	ND	44	44	740
BS22-71	4	5/25/2022	-	61	3,852	ND	ND	ND	ND	ND	ND	ND	1200
BS22-72	4	5/25/2022	-	160	1,909	ND	ND	ND	24	ND	24	24	1300
BS22-73	4	5/25/2022	-	294	9,963	ND	ND	ND	55	ND	55	55	10000
BS22-74	4	5/25/2022	-	642	2,749	ND	ND	ND	180	120	180	300	1300
BS22-75	4	5/25/2022	-	152	977	ND	ND	ND	41	ND	41	41	380
BS22-76	4	5/25/2022	-	129	2,244	ND	ND	ND	ND	ND	ND	ND	1600
BS22-77	4	5/25/2022	-	154	1,447	ND	ND	ND	16	ND	16	16	860
BS22-78	4	5/25/2022	-	106	1,017	ND	ND	ND	10	ND	10	10	590
BS22-79	4	5/25/2022	-	48	3,092	ND	ND	ND	ND	ND	ND	ND	1700
BS22-80	4	5/25/2022	-	154	5,224	ND	ND	ND	13	ND	13	13	4300
BS22-81	4	5/25/2022	-	192	2,750	ND	ND	ND	70	48	70	118	1800
BS22-82	4	5/25/2022	-	948	3,689	ND	ND	ND	370	330	370	700	2500
BS22-83	4	5/25/2022	-	579	3,508	ND	ND	ND	300	220	300	520	2100
BS22-84	4	5/25/2022	-	62	6,349	ND	ND	ND	ND	ND	ND	ND	4800
BS22-85	4	5/25/2022	-	70	2,472	ND	ND	ND	11	ND	11	11	950
BS22-86	4	5/25/2022	-	534	3,300	ND	ND	ND	250	160	250	410	1400
BS22-87	4	5/25/2022	-	240	4,051	ND	ND	ND	86	77	86	163	3100
BS22-88	4	5/25/2022	-	173	2,854	ND	ND	ND	20	ND	20	20	2600
BS22-89	4	5/25/2022	-	54	4,158	ND	ND	ND	ND	ND	ND	ND	3800
BS22-90	4	5/25/2022	-	28	1,345	ND	ND	ND	16	ND	16	16	1000
BS22-91	4	5/24/2022	-	419	2,691	ND	ND	ND	100	80	100	180	1400
BS22-92	4	5/24/2022	-	89	2,743	ND	ND	ND	ND	ND	ND	ND	2400
BS22-93	4	5/24/2022	-	61	1,483	ND	ND	ND	ND	ND	ND	ND	840
BS22-94	4	5/24/2022	-	285	1,848	ND	ND	ND	45	88	45	133	1400
BS22-95	4	5/24/2022	-	35	521	ND	ND	ND	ND	ND	ND	ND	220
BS22-96	4	5/24/2022	-	216	1,941	ND	ND	ND	39	72	39	111	1300
BS22-97	4	5/24/2022	-	363	6,971	ND	ND	ND	49	56	49	105	5100
BS22-98	4	5/24/2022	-	213	3,486	ND	ND	ND	55	64	55	119	3200
BS22-99	4	5/24/2022	-	603	3,486	ND	ND	ND	260	170	260	430	1500
BS22-100	4	5/24/2022	-	583	3,752	ND	ND	ND	65	57	65	122	3200
BS22-101	4	5/24/2022	-	106	1,490	ND	ND	ND	10	ND	10	10	920
BS22-102	4	5/24/2022	-	114	904	ND	ND	ND	14	ND	14	14	490
BS22-103	4	5/24/2022	-	226	2,027	ND	ND	ND	81	74	81	155	1300
BS22-104	4	5/24/2022	-	185	4,101	ND	ND	ND	47	53	47	100	5800
BS22-105	4	5/24/2022	-	908	8,721	ND	ND	ND	280	180	280	460	3300
BS22-106	4	5/24/2022	-	339	8,789	ND	ND	ND	53	ND	53	53	7500

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs

Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater >100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Volatile		Extractable					
						Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
BS22-107	4	5/24/2022	-	352	8,453	ND	ND	ND	25	60	25	85	5500
BS22-108	4	5/24/2022	-	95	297	ND	ND	ND	ND	ND	ND	ND	100
BS22-109	4	5/24/2022	-	18	3,056	ND	ND	ND	ND	ND	ND	ND	2000
BS22-110	4	5/24/2022	-	242	1,291	ND	ND	ND	17	ND	17	17	590
BS22-111	4	5/24/2022	-	149	1,755	ND	ND	ND	14	ND	14	14	1100
BS22-112	4	5/24/2022	-	100	5,780	ND	ND	ND	ND	ND	ND	ND	3800
BS22-113	4	5/24/2022	-	124	4,072	ND	ND	ND	11	ND	11	11	5600
BS22-114	4	5/24/2022	-	54	1,434	ND	ND	ND	ND	ND	ND	ND	770
BS22-115	4	5/24/2022	-	8	1,267	ND	ND	ND	ND	ND	ND	ND	640
BS22-116	4	5/24/2022	-	30	609	ND	ND	ND	ND	ND	ND	ND	220
BS22-117	4	5/24/2022	-	24	513	ND	ND	ND	ND	ND	ND	ND	180
BS22-118	4	5/24/2022	-	42	3,052	ND	ND	ND	ND	ND	ND	ND	1700
BS22-119	4	5/24/2022	-	45	522	ND	ND	ND	ND	ND	ND	ND	190
BS22-120	10	5/25/2022	-	375	2,255	ND	ND	ND	79	81	79	160	1200
BS22-121	10	5/25/2022	-	0	1,336	ND	ND	ND	46	ND	46	46	580
BS22-122	10	5/25/2022	-	211	4,204	ND	ND	ND	53	53	53	106	2800
BS22-123	16	5/26/2022	-	280	1,138	ND	ND	ND	51	ND	51	51	9600
BS22-124	16	5/26/2022	-	650	2,710	ND	ND	ND	200	130	200	330	1300
BS22-125	16	5/26/2022	-	130	2,258	ND	ND	ND	11	ND	11	11	1200
BS22-126	16	5/26/2022	-	156	1,000	ND	ND	ND	40	ND	40	40	410
BS22-127	16	5/26/2022	-	150	1,551	ND	ND	ND	19	ND	19	19	740
BS22-128	16	5/26/2022	-	242	3,996	ND	ND	ND	83	49	83	132	2800
BS22-129	16	5/26/2022	-	160	5,224	ND	ND	ND	14	ND	14	14	3200
BS22-130	16	5/26/2022	-	130	2,201	ND	ND	ND	17	ND	17	17	1300
BS22-131	16	5/26/2022	-	60	3,121	ND	ND	ND	ND	ND	ND	ND	1200
BS22-132	16	5/26/2022	-	350	2,134	ND	ND	ND	85	77	85	162	1200
BS22-133	16	5/26/2022	-	150	1,076	ND	ND	ND	33	ND	33	33	410
BS22-134	16	5/26/2022	-	200	2,525	ND	ND	ND	97	60	97	157	1900
BS22-135	16	5/26/2022	-	60	4,140	ND	ND	ND	ND	ND	ND	ND	3500
BS22-136	16	5/26/2022	-	80	2,154	ND	ND	ND	ND	ND	ND	ND	1100
BS22-137	16	5/26/2022	-	75	2,481	ND	ND	ND	ND	ND	ND	ND	840
BS22-138	16	5/26/2022	-	35	1,479	ND	ND	ND	16	ND	16	16	840
BS22-139	16	5/26/2022	-	100	1,118	ND	ND	ND	11	ND	11	11	560
BS22-140	8	5/25/2022	-	76	2,248	ND	ND	ND	ND	ND	ND	ND	1800

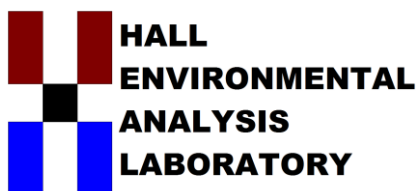
"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NM OCD Closure Criteria (on-pad)

Bold and green shaded indicates exceedance outside of NM OCD Reclamation Criteria (off-pad)

ATTACHMENT 6



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

June 07, 2022

Monica Peppin
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Mallard HM Fee Battery

OrderNo.: 2205A89

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 24 sample(s) on 5/25/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-01 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:00:00 AM

Lab ID: 2205A89-001

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	78	60		mg/Kg	20	5/27/2022 5:37:20 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/26/2022 10:55:01 AM	67700
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2022 10:55:01 AM	67700
Surr: DNOP	58.3	51.1-141		%Rec	1	5/26/2022 10:55:01 AM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/26/2022 10:48:27 PM	67696
Surr: BFB	94.6	37.7-212		%Rec	1	5/26/2022 10:48:27 PM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/26/2022 10:48:27 PM	67696
Toluene	ND	0.048		mg/Kg	1	5/26/2022 10:48:27 PM	67696
Ethylbenzene	ND	0.048		mg/Kg	1	5/26/2022 10:48:27 PM	67696
Xylenes, Total	ND	0.096		mg/Kg	1	5/26/2022 10:48:27 PM	67696
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	5/26/2022 10:48:27 PM	67696

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-02 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:05:00 AM

Lab ID: 2205A89-002

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	110	60		mg/Kg	20	5/27/2022 6:14:33 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/26/2022 11:05:43 AM	67700
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2022 11:05:43 AM	67700
Surr: DNOP	75.2	51.1-141		%Rec	1	5/26/2022 11:05:43 AM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/26/2022 11:12:10 PM	67696
Surr: BFB	92.4	37.7-212		%Rec	1	5/26/2022 11:12:10 PM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/26/2022 11:12:10 PM	67696
Toluene	ND	0.047		mg/Kg	1	5/26/2022 11:12:10 PM	67696
Ethylbenzene	ND	0.047		mg/Kg	1	5/26/2022 11:12:10 PM	67696
Xylenes, Total	ND	0.095		mg/Kg	1	5/26/2022 11:12:10 PM	67696
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	5/26/2022 11:12:10 PM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-03 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:10:00 AM

Lab ID: 2205A89-003

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 6:26:58 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/26/2022 11:16:24 AM	67700
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/26/2022 11:16:24 AM	67700
Surr: DNOP	62.3	51.1-141		%Rec	1	5/26/2022 11:16:24 AM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 11:35:33 PM	67696
Surr: BFB	89.1	37.7-212		%Rec	1	5/26/2022 11:35:33 PM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	5/26/2022 11:35:33 PM	67696
Toluene	ND	0.049		mg/Kg	1	5/26/2022 11:35:33 PM	67696
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 11:35:33 PM	67696
Xylenes, Total	ND	0.099		mg/Kg	1	5/26/2022 11:35:33 PM	67696
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	5/26/2022 11:35:33 PM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-04 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:15:00 AM

Lab ID: 2205A89-004

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 7:04:10 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/26/2022 1:51:33 PM	67700
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/26/2022 1:51:33 PM	67700
Surr: DNOP	66.2	51.1-141		%Rec	1	5/26/2022 1:51:33 PM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 11:58:53 PM	67696
Surr: BFB	96.6	37.7-212		%Rec	1	5/26/2022 11:58:53 PM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	5/26/2022 11:58:53 PM	67696
Toluene	ND	0.050		mg/Kg	1	5/26/2022 11:58:53 PM	67696
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 11:58:53 PM	67696
Xylenes, Total	ND	0.10		mg/Kg	1	5/26/2022 11:58:53 PM	67696
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	5/26/2022 11:58:53 PM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-05 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:20:00 AM

Lab ID: 2205A89-005

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 7:16:35 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/26/2022 11:38:21 AM	67700
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/26/2022 11:38:21 AM	67700
Surr: DNOP	51.4	51.1-141		%Rec	1	5/26/2022 11:38:21 AM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/27/2022 12:22:15 AM	67696
Surr: BFB	95.9	37.7-212		%Rec	1	5/27/2022 12:22:15 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	5/27/2022 12:22:15 AM	67696
Toluene	ND	0.046		mg/Kg	1	5/27/2022 12:22:15 AM	67696
Ethylbenzene	ND	0.046		mg/Kg	1	5/27/2022 12:22:15 AM	67696
Xylenes, Total	ND	0.092		mg/Kg	1	5/27/2022 12:22:15 AM	67696
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/27/2022 12:22:15 AM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-06 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:25:00 AM

Lab ID: 2205A89-006

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	5/27/2022 7:29:00 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/26/2022 3:36:47 PM	67700
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/26/2022 3:36:47 PM	67700
Surr: DNOP	60.3	51.1-141		%Rec	1	5/26/2022 3:36:47 PM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2022 12:45:46 AM	67696
Surr: BFB	100	37.7-212		%Rec	1	5/27/2022 12:45:46 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	5/27/2022 12:45:46 AM	67696
Toluene	ND	0.050		mg/Kg	1	5/27/2022 12:45:46 AM	67696
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2022 12:45:46 AM	67696
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2022 12:45:46 AM	67696
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/27/2022 12:45:46 AM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-07 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:30:00 AM

Lab ID: 2205A89-007

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 7:41:24 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/2/2022 9:52:15 AM	67844
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/2/2022 9:52:15 AM	67844
Surr: DNOP	70.6	51.1-141		%Rec	1	6/2/2022 9:52:15 AM	67844
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2022 1:09:29 AM	67696
Surr: BFB	96.4	37.7-212		%Rec	1	5/27/2022 1:09:29 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	5/27/2022 1:09:29 AM	67696
Toluene	ND	0.050		mg/Kg	1	5/27/2022 1:09:29 AM	67696
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2022 1:09:29 AM	67696
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2022 1:09:29 AM	67696
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	5/27/2022 1:09:29 AM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-08 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:35:00 AM

Lab ID: 2205A89-008

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	5/27/2022 7:53:48 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	5/26/2022 1:41:57 PM	67700
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/26/2022 1:41:57 PM	67700
Surr: DNOP	66.8	51.1-141		%Rec	1	5/26/2022 1:41:57 PM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2022 1:33:13 AM	67696
Surr: BFB	96.9	37.7-212		%Rec	1	5/27/2022 1:33:13 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/27/2022 1:33:13 AM	67696
Toluene	ND	0.048		mg/Kg	1	5/27/2022 1:33:13 AM	67696
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2022 1:33:13 AM	67696
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2022 1:33:13 AM	67696
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	5/27/2022 1:33:13 AM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-09 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:40:00 AM

Lab ID: 2205A89-009

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	440	60		mg/Kg	20	5/27/2022 8:06:13 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/26/2022 1:52:52 PM	67700
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/26/2022 1:52:52 PM	67700
Surr: DNOP	78.6	51.1-141		%Rec	1	5/26/2022 1:52:52 PM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2022 2:20:19 AM	67696
Surr: BFB	103	37.7-212		%Rec	1	5/27/2022 2:20:19 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/27/2022 2:20:19 AM	67696
Toluene	ND	0.048		mg/Kg	1	5/27/2022 2:20:19 AM	67696
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2022 2:20:19 AM	67696
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2022 2:20:19 AM	67696
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/27/2022 2:20:19 AM	67696

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-10 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:45:00 AM

Lab ID: 2205A89-010

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 8:18:37 PM	67763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/26/2022 2:03:49 PM	67700
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2022 2:03:49 PM	67700
Surr: DNOP	92.4	51.1-141		%Rec	1	5/26/2022 2:03:49 PM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/27/2022 2:43:56 AM	67696
Surr: BFB	97.6	37.7-212		%Rec	1	5/27/2022 2:43:56 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/27/2022 2:43:56 AM	67696
Toluene	ND	0.047		mg/Kg	1	5/27/2022 2:43:56 AM	67696
Ethylbenzene	ND	0.047		mg/Kg	1	5/27/2022 2:43:56 AM	67696
Xylenes, Total	ND	0.095		mg/Kg	1	5/27/2022 2:43:56 AM	67696
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/27/2022 2:43:56 AM	67696

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-11 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:50:00 AM

Lab ID: 2205A89-011

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	62	60		mg/Kg	20	5/31/2022 1:17:37 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/26/2022 2:14:45 PM	67700
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/26/2022 2:14:45 PM	67700
Surr: DNOP	54.6	51.1-141		%Rec	1	5/26/2022 2:14:45 PM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2022 3:07:35 AM	67696
Surr: BFB	94.2	37.7-212		%Rec	1	5/27/2022 3:07:35 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	5/27/2022 3:07:35 AM	67696
Toluene	ND	0.050		mg/Kg	1	5/27/2022 3:07:35 AM	67696
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2022 3:07:35 AM	67696
Xylenes, Total	ND	0.10		mg/Kg	1	5/27/2022 3:07:35 AM	67696
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	5/27/2022 3:07:35 AM	67696

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-12 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 9:55:00 AM

Lab ID: 2205A89-012

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 1:30:01 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/27/2022 1:45:03 PM	67700
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2022 1:45:03 PM	67700
Surr: DNOP	64.0	51.1-141		%Rec	1	5/27/2022 1:45:03 PM	67700
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2022 3:31:17 AM	67696
Surr: BFB	92.0	37.7-212		%Rec	1	5/27/2022 3:31:17 AM	67696
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/27/2022 3:31:17 AM	67696
Toluene	ND	0.048		mg/Kg	1	5/27/2022 3:31:17 AM	67696
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2022 3:31:17 AM	67696
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2022 3:31:17 AM	67696
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	5/27/2022 3:31:17 AM	67696

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-13 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:00:00 AM

Lab ID: 2205A89-013

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	410	60		mg/Kg	20	5/31/2022 1:42:26 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/28/2022 5:19:28 AM	67711
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/28/2022 5:19:28 AM	67711
Surr: DNOP	61.6	51.1-141		%Rec	1	5/28/2022 5:19:28 AM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 7:13:00 PM	67698
Surr: BFB	87.4	37.7-212		%Rec	1	5/26/2022 7:13:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/26/2022 7:13:00 PM	67698
Toluene	ND	0.050		mg/Kg	1	5/26/2022 7:13:00 PM	67698
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 7:13:00 PM	67698
Xylenes, Total	ND	0.10		mg/Kg	1	5/26/2022 7:13:00 PM	67698
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	5/26/2022 7:13:00 PM	67698

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-14 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:05:00 AM

Lab ID: 2205A89-014

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	120	60		mg/Kg	20	5/31/2022 1:54:50 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/28/2022 6:30:26 AM	67711
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/28/2022 6:30:26 AM	67711
Surr: DNOP	66.0	51.1-141		%Rec	1	5/28/2022 6:30:26 AM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 8:13:00 PM	67698
Surr: BFB	93.3	37.7-212		%Rec	1	5/26/2022 8:13:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/26/2022 8:13:00 PM	67698
Toluene	ND	0.049		mg/Kg	1	5/26/2022 8:13:00 PM	67698
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 8:13:00 PM	67698
Xylenes, Total	ND	0.099		mg/Kg	1	5/26/2022 8:13:00 PM	67698
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	5/26/2022 8:13:00 PM	67698

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-15 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:10:00 AM

Lab ID: 2205A89-015

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 2:07:14 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/28/2022 6:54:12 AM	67711
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/28/2022 6:54:12 AM	67711
Surr: DNOP	61.0	51.1-141		%Rec	1	5/28/2022 6:54:12 AM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 9:12:00 PM	67698
Surr: BFB	89.4	37.7-212		%Rec	1	5/26/2022 9:12:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/26/2022 9:12:00 PM	67698
Toluene	ND	0.050		mg/Kg	1	5/26/2022 9:12:00 PM	67698
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 9:12:00 PM	67698
Xylenes, Total	ND	0.099		mg/Kg	1	5/26/2022 9:12:00 PM	67698
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	5/26/2022 9:12:00 PM	67698

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-16 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:15:00 AM

Lab ID: 2205A89-016

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	5/31/2022 2:44:28 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/28/2022 4:40:20 PM	67711
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/28/2022 4:40:20 PM	67711
Surr: DNOP	63.1	51.1-141		%Rec	1	5/28/2022 4:40:20 PM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 9:32:00 PM	67698
Surr: BFB	90.4	37.7-212		%Rec	1	5/26/2022 9:32:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/26/2022 9:32:00 PM	67698
Toluene	ND	0.049		mg/Kg	1	5/26/2022 9:32:00 PM	67698
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 9:32:00 PM	67698
Xylenes, Total	ND	0.098		mg/Kg	1	5/26/2022 9:32:00 PM	67698
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	5/26/2022 9:32:00 PM	67698

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-17 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:20:00 AM

Lab ID: 2205A89-017

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	230	59		mg/Kg	20	5/31/2022 2:56:52 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/28/2022 5:04:36 PM	67711
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/28/2022 5:04:36 PM	67711
Surr: DNOP	70.1	51.1-141		%Rec	1	5/28/2022 5:04:36 PM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/26/2022 9:51:00 PM	67698
Surr: BFB	89.3	37.7-212		%Rec	1	5/26/2022 9:51:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/26/2022 9:51:00 PM	67698
Toluene	ND	0.047		mg/Kg	1	5/26/2022 9:51:00 PM	67698
Ethylbenzene	ND	0.047		mg/Kg	1	5/26/2022 9:51:00 PM	67698
Xylenes, Total	ND	0.093		mg/Kg	1	5/26/2022 9:51:00 PM	67698
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	5/26/2022 9:51:00 PM	67698

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-18 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:25:00 AM

Lab ID: 2205A89-018

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	260	60		mg/Kg	20	5/31/2022 3:09:16 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/28/2022 5:28:52 PM	67711
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/28/2022 5:28:52 PM	67711
Surr: DNOP	64.2	51.1-141		%Rec	1	5/28/2022 5:28:52 PM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/26/2022 10:11:00 PM	67698
Surr: BFB	86.9	37.7-212		%Rec	1	5/26/2022 10:11:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/26/2022 10:11:00 PM	67698
Toluene	ND	0.048		mg/Kg	1	5/26/2022 10:11:00 PM	67698
Ethylbenzene	ND	0.048		mg/Kg	1	5/26/2022 10:11:00 PM	67698
Xylenes, Total	ND	0.096		mg/Kg	1	5/26/2022 10:11:00 PM	67698
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	5/26/2022 10:11:00 PM	67698

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-19 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:30:00 AM

Lab ID: 2205A89-019

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	290	60		mg/Kg	20	5/31/2022 3:46:30 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/28/2022 5:53:12 PM	67711
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/28/2022 5:53:12 PM	67711
Surr: DNOP	71.3	51.1-141		%Rec	1	5/28/2022 5:53:12 PM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 10:30:00 PM	67698
Surr: BFB	85.4	37.7-212		%Rec	1	5/26/2022 10:30:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/26/2022 10:30:00 PM	67698
Toluene	ND	0.050		mg/Kg	1	5/26/2022 10:30:00 PM	67698
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 10:30:00 PM	67698
Xylenes, Total	ND	0.099		mg/Kg	1	5/26/2022 10:30:00 PM	67698
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	5/26/2022 10:30:00 PM	67698

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-20 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:35:00 AM

Lab ID: 2205A89-020

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 3:58:55 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/28/2022 8:52:56 AM	67711
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/28/2022 8:52:56 AM	67711
Surr: DNOP	54.9	51.1-141		%Rec	1	5/28/2022 8:52:56 AM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/26/2022 10:50:00 PM	67698
Surr: BFB	91.1	37.7-212		%Rec	1	5/26/2022 10:50:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/26/2022 10:50:00 PM	67698
Toluene	ND	0.047		mg/Kg	1	5/26/2022 10:50:00 PM	67698
Ethylbenzene	ND	0.047		mg/Kg	1	5/26/2022 10:50:00 PM	67698
Xylenes, Total	ND	0.094		mg/Kg	1	5/26/2022 10:50:00 PM	67698
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	5/26/2022 10:50:00 PM	67698

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-22 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:45:00 AM

Lab ID: 2205A89-022

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 4:11:19 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/28/2022 9:16:40 AM	67711
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/28/2022 9:16:40 AM	67711
Surr: DNOP	56.5	51.1-141		%Rec	1	5/28/2022 9:16:40 AM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 11:10:00 PM	67698
Surr: BFB	83.0	37.7-212		%Rec	1	5/26/2022 11:10:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/26/2022 11:10:00 PM	67698
Toluene	ND	0.049		mg/Kg	1	5/26/2022 11:10:00 PM	67698
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 11:10:00 PM	67698
Xylenes, Total	ND	0.098		mg/Kg	1	5/26/2022 11:10:00 PM	67698
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	5/26/2022 11:10:00 PM	67698

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

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

Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-23 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:50:00 AM

Lab ID: 2205A89-023

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 4:23:43 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/28/2022 9:40:24 AM	67711
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/28/2022 9:40:24 AM	67711
Surr: DNOP	58.9	51.1-141		%Rec	1	5/28/2022 9:40:24 AM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 11:30:00 PM	67698
Surr: BFB	91.8	37.7-212		%Rec	1	5/26/2022 11:30:00 PM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/26/2022 11:30:00 PM	67698
Toluene	ND	0.050		mg/Kg	1	5/26/2022 11:30:00 PM	67698
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 11:30:00 PM	67698
Xylenes, Total	ND	0.10		mg/Kg	1	5/26/2022 11:30:00 PM	67698
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	5/26/2022 11:30:00 PM	67698

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

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

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Analytical Report

Lab Order 2205A89

Date Reported: 6/7/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-24 0-4

Project: Mallard HM Fee Battery

Collection Date: 5/23/2022 10:55:00 AM

Lab ID: 2205A89-024

Matrix: SOIL

Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 4:36:08 PM	67789
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/28/2022 10:04:14 AM	67711
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/28/2022 10:04:14 AM	67711
Surr: DNOP	55.2	51.1-141		%Rec	1	5/28/2022 10:04:14 AM	67711
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2022 12:09:00 AM	67698
Surr: BFB	84.6	37.7-212		%Rec	1	5/27/2022 12:09:00 AM	67698
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/27/2022 12:09:00 AM	67698
Toluene	ND	0.049		mg/Kg	1	5/27/2022 12:09:00 AM	67698
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2022 12:09:00 AM	67698
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2022 12:09:00 AM	67698
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	5/27/2022 12:09:00 AM	67698

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

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

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

WO#: 2205A89

07-Jun-22

Client: EOG
Project: Mallard HM Fee Battery

Sample ID: MB-67763	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 67763	RunNo: 88374								
Prep Date: 5/27/2022	Analysis Date: 5/27/2022	SeqNo: 3135377 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67763	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 67763	RunNo: 88374								
Prep Date: 5/27/2022	Analysis Date: 5/27/2022	SeqNo: 3135378 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Sample ID: MB-67789	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 67789	RunNo: 88375								
Prep Date: 5/31/2022	Analysis Date: 5/31/2022	SeqNo: 3135630 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67789	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 67789	RunNo: 88375								
Prep Date: 5/31/2022	Analysis Date: 5/31/2022	SeqNo: 3135631 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.8	90	110			

Qualifiers:

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

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

WO#: 2205A89

07-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: MB-67678	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67678			RunNo: 88246						
Prep Date: 5/25/2022	Analysis Date: 5/25/2022			SeqNo: 3130799		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.1		10.00		90.6	51.1	141			

Sample ID: LCS-67678	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67678			RunNo: 88246						
Prep Date: 5/25/2022	Analysis Date: 5/25/2022			SeqNo: 3130800		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		87.5	51.1	141			

Sample ID: MB-67700	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67700			RunNo: 88283						
Prep Date: 5/25/2022	Analysis Date: 5/26/2022			SeqNo: 3131472		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	51.1	141			

Sample ID: LCS-67700	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67700			RunNo: 88283						
Prep Date: 5/25/2022	Analysis Date: 5/26/2022			SeqNo: 3131473		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.9	64.4	127			
Surr: DNOP	3.9		5.000		78.3	51.1	141			

Sample ID: MB-67711	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67711			RunNo: 88246						
Prep Date: 5/26/2022	Analysis Date: 5/28/2022			SeqNo: 3133637		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		87.1	51.1	141			

Sample ID: LCS-67711	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67711			RunNo: 88246						
Prep Date: 5/26/2022	Analysis Date: 5/28/2022			SeqNo: 3133639		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

WO#: 2205A89

07-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: LCS-67711	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 67711				RunNo: 88246					
Prep Date: 5/26/2022	Analysis Date: 5/28/2022				SeqNo: 313639	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.6	64.4	127			
Surr: DNOP	3.9		5.000		77.9	51.1	141			

Sample ID: LCS-67844	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 67844				RunNo: 88406					
Prep Date: 6/1/2022	Analysis Date: 6/2/2022				SeqNo: 3136965	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	83.1	64.4	127			
Surr: DNOP	3.9		5.000		77.4	51.1	141			

Sample ID: MB-67844	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 67844				RunNo: 88406					
Prep Date: 6/1/2022	Analysis Date: 6/2/2022				SeqNo: 3136966	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		92.5	51.1	141			

Qualifiers:

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

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

WO#: 2205A89

07-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: mb-67696	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 67696	RunNo: 88314								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131816 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	920		1000		92.1	37.7	212			

Sample ID: lcs-67696	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 67696	RunNo: 88314								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131817 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	5.0	25.00	0	123	72.3	137			
Surr: BFB	2200		1000		223	37.7	212			S

Sample ID: lcs-67698	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 67698	RunNo: 88315								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131904 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2000		1000		200	37.7	212			

Sample ID: mb-67698	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 67698	RunNo: 88315								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131905 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	870		1000		87.3	37.7	212			

Qualifiers:

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

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

WO#: 2205A89

07-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: mb-67696	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 67696	RunNo: 88314								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131849 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.5	70	130			

Sample ID: LCS-67696	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 67696	RunNo: 88314								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131850 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.3	80	120			
Toluene	0.96	0.050	1.000	0	95.5	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.1	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: lcs-67698	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 67698	RunNo: 88315								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131955 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.9	80	120			
Toluene	0.96	0.050	1.000	0	96.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.5	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.9	70	130			

Sample ID: mb-67698	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 67698	RunNo: 88315								
Prep Date: 5/25/2022	Analysis Date: 5/26/2022	SeqNo: 3131956 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.8	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2205A89

RcptNo: 1

Received By: Juan Rojas 5/25/2022 7:15:00 AM

Completed By: Sean Livingston 5/25/2022 8:17:46 AM

Reviewed By: KPL 8-28-22

Juan Rojas

Sean Livingston

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: JN 5/25/22

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.3	Good				

Chain-of-Custody Record

Client: EOB

Chase Settler

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time: 5 Day

☒ Standard ☒ Rush

Project Name:

Mallard Hm Fee Battery

Project #:

22E-00123-08

Project Manager:

Monica Peppin

Sampler: MGP

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CFI): 0.3-0.3 (°C)

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5/23	10:00	Soil	WS22-13	0-4	ice	013
	10:05		WS22-14	0-4		014
	10:10		WS22-15	0-4		015
	10:15		WS22-16	0-4		016
	10:20		WS22-17	0-4		017
	10:25		WS22-18	0-4		018
	10:30		WS22-19	0-4		019
	10:35		WS22-20	0-4		020
	10:40		WS22-21	0-4		021
	10:45		WS22-22	0-4		022
	10:50		WS22-23	0-4		023
	10:55		WS22-24	0-4		024

Date: Time:

Relinquished by:

Via:

Date: Time:

Remarks:

Date: Time:

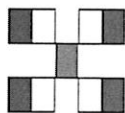
Relinquished by:

Via:

Date: Time:

Direct bill EOB

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

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

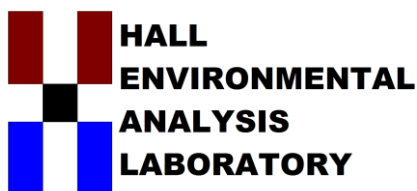
www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 06, 2022

Monica Peppin

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Mallard HM Fee Battery

OrderNo.: 2205B77

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 24 sample(s) on 5/26/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-01 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 8:30:00 AM

Lab ID: 2205B77-001

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/1/2022 6:53:01 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/29/2022 12:23:01 AM	67766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/29/2022 12:23:01 AM	67766
Surr: DNOP	75.1	51.1-141		%Rec	1	5/29/2022 12:23:01 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/28/2022 2:33:00 PM	67740
Surr: BFB	91.0	37.7-212		%Rec	1	5/28/2022 2:33:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/28/2022 2:33:00 PM	67740
Toluene	ND	0.050		mg/Kg	1	5/28/2022 2:33:00 PM	67740
Ethylbenzene	ND	0.050		mg/Kg	1	5/28/2022 2:33:00 PM	67740
Xylenes, Total	ND	0.099		mg/Kg	1	5/28/2022 2:33:00 PM	67740
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	5/28/2022 2:33:00 PM	67740

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

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

Page 1 of 29

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-02 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 8:35:00 AM

Lab ID: 2205B77-002

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	120	60		mg/Kg	20	6/1/2022 7:30:04 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	5/29/2022 12:47:40 AM	67766
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	5/29/2022 12:47:40 AM	67766
Surr: DNOP	69.1	51.1-141		%Rec	1	5/29/2022 12:47:40 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/28/2022 3:32:00 PM	67740
Surr: BFB	93.9	37.7-212		%Rec	1	5/28/2022 3:32:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/28/2022 3:32:00 PM	67740
Toluene	ND	0.049		mg/Kg	1	5/28/2022 3:32:00 PM	67740
Ethylbenzene	ND	0.049		mg/Kg	1	5/28/2022 3:32:00 PM	67740
Xylenes, Total	ND	0.098		mg/Kg	1	5/28/2022 3:32:00 PM	67740
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	5/28/2022 3:32:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-03 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 8:40:00 AM

Lab ID: 2205B77-003

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2400	60		mg/Kg	20	6/1/2022 7:42:26 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	5/29/2022 1:12:17 AM	67766
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	5/29/2022 1:12:17 AM	67766
Surr: DNOP	74.2	51.1-141		%Rec	1	5/29/2022 1:12:17 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/28/2022 3:52:00 PM	67740
Surr: BFB	99.2	37.7-212		%Rec	1	5/28/2022 3:52:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/28/2022 3:52:00 PM	67740
Toluene	ND	0.047		mg/Kg	1	5/28/2022 3:52:00 PM	67740
Ethylbenzene	ND	0.047		mg/Kg	1	5/28/2022 3:52:00 PM	67740
Xylenes, Total	ND	0.095		mg/Kg	1	5/28/2022 3:52:00 PM	67740
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	5/28/2022 3:52:00 PM	67740

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

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

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-04 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 8:45:00 AM

Lab ID: 2205B77-004

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1700	60		mg/Kg	20	6/1/2022 7:54:46 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/29/2022 1:36:53 AM	67766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/29/2022 1:36:53 AM	67766
Surr: DNOP	67.1	51.1-141		%Rec	1	5/29/2022 1:36:53 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/28/2022 4:12:00 PM	67740
Surr: BFB	98.2	37.7-212		%Rec	1	5/28/2022 4:12:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 4:12:00 PM	67740
Toluene	ND	0.046		mg/Kg	1	5/28/2022 4:12:00 PM	67740
Ethylbenzene	ND	0.046		mg/Kg	1	5/28/2022 4:12:00 PM	67740
Xylenes, Total	ND	0.091		mg/Kg	1	5/28/2022 4:12:00 PM	67740
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	5/28/2022 4:12:00 PM	67740

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

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

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-05 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 8:50:00 AM

Lab ID: 2205B77-005

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	140	60		mg/Kg	20	6/1/2022 8:07:07 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	5/29/2022 2:01:34 AM	67766
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/29/2022 2:01:34 AM	67766
Surr: DNOP	79.1	51.1-141		%Rec	1	5/29/2022 2:01:34 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/28/2022 4:32:00 PM	67740
Surr: BFB	94.2	37.7-212		%Rec	1	5/28/2022 4:32:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 4:32:00 PM	67740
Toluene	ND	0.046		mg/Kg	1	5/28/2022 4:32:00 PM	67740
Ethylbenzene	ND	0.046		mg/Kg	1	5/28/2022 4:32:00 PM	67740
Xylenes, Total	ND	0.092		mg/Kg	1	5/28/2022 4:32:00 PM	67740
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	5/28/2022 4:32:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-06 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 8:55:00 AM

Lab ID: 2205B77-006

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	77	61		mg/Kg	20	6/1/2022 8:19:28 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	5/29/2022 2:26:12 AM	67766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/29/2022 2:26:12 AM	67766
Surr: DNOP	76.9	51.1-141		%Rec	1	5/29/2022 2:26:12 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/28/2022 4:51:00 PM	67740
Surr: BFB	97.7	37.7-212		%Rec	1	5/28/2022 4:51:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 4:51:00 PM	67740
Toluene	ND	0.046		mg/Kg	1	5/28/2022 4:51:00 PM	67740
Ethylbenzene	ND	0.046		mg/Kg	1	5/28/2022 4:51:00 PM	67740
Xylenes, Total	ND	0.092		mg/Kg	1	5/28/2022 4:51:00 PM	67740
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	5/28/2022 4:51:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-07 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:00:00 AM

Lab ID: 2205B77-007

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	100	60		mg/Kg	20	6/1/2022 8:31:49 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	29	9.5		mg/Kg	1	5/31/2022 11:03:58 PM	67766
Motor Oil Range Organics (MRO)	82	48		mg/Kg	1	5/31/2022 11:03:58 PM	67766
Surr: DNOP	91.3	51.1-141		%Rec	1	5/31/2022 11:03:58 PM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/28/2022 5:31:00 PM	67740
Surr: BFB	96.8	37.7-212		%Rec	1	5/28/2022 5:31:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/28/2022 5:31:00 PM	67740
Toluene	ND	0.049		mg/Kg	1	5/28/2022 5:31:00 PM	67740
Ethylbenzene	ND	0.049		mg/Kg	1	5/28/2022 5:31:00 PM	67740
Xylenes, Total	ND	0.099		mg/Kg	1	5/28/2022 5:31:00 PM	67740
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	5/28/2022 5:31:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-08 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:05:00 AM

Lab ID: 2205B77-008

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/1/2022 8:44:09 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	9.1	7.9		mg/Kg	1	5/29/2022 3:15:27 AM	67766
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	5/29/2022 3:15:27 AM	67766
Surr: DNOP	64.9	51.1-141		%Rec	1	5/29/2022 3:15:27 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/28/2022 5:50:00 PM	67740
Surr: BFB	93.9	37.7-212		%Rec	1	5/28/2022 5:50:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 5:50:00 PM	67740
Toluene	ND	0.046		mg/Kg	1	5/28/2022 5:50:00 PM	67740
Ethylbenzene	ND	0.046		mg/Kg	1	5/28/2022 5:50:00 PM	67740
Xylenes, Total	ND	0.092		mg/Kg	1	5/28/2022 5:50:00 PM	67740
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	5/28/2022 5:50:00 PM	67740

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

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

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-09 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:10:00 AM

Lab ID: 2205B77-009

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	480	60		mg/Kg	20	6/1/2022 9:21:14 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	5/29/2022 3:40:04 AM	67766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/29/2022 3:40:04 AM	67766
Surr: DNOP	67.2	51.1-141		%Rec	1	5/29/2022 3:40:04 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/28/2022 6:10:00 PM	67740
Surr: BFB	94.5	37.7-212		%Rec	1	5/28/2022 6:10:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 6:10:00 PM	67740
Toluene	ND	0.047		mg/Kg	1	5/28/2022 6:10:00 PM	67740
Ethylbenzene	ND	0.047		mg/Kg	1	5/28/2022 6:10:00 PM	67740
Xylenes, Total	ND	0.093		mg/Kg	1	5/28/2022 6:10:00 PM	67740
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	5/28/2022 6:10:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-10 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:15:00 AM

Lab ID: 2205B77-010

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	750	60		mg/Kg	20	6/1/2022 9:33:35 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	10	9.5		mg/Kg	1	5/29/2022 4:04:39 AM	67766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/29/2022 4:04:39 AM	67766
Surr: DNOP	70.1	51.1-141		%Rec	1	5/29/2022 4:04:39 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/28/2022 6:30:00 PM	67740
Surr: BFB	96.0	37.7-212		%Rec	1	5/28/2022 6:30:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 6:30:00 PM	67740
Toluene	ND	0.047		mg/Kg	1	5/28/2022 6:30:00 PM	67740
Ethylbenzene	ND	0.047		mg/Kg	1	5/28/2022 6:30:00 PM	67740
Xylenes, Total	ND	0.094		mg/Kg	1	5/28/2022 6:30:00 PM	67740
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	5/28/2022 6:30:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-11 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:20:00 AM

Lab ID: 2205B77-011

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	700	60		mg/Kg	20	6/1/2022 9:45:56 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	14	8.7		mg/Kg	1	5/29/2022 4:29:14 AM	67766
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/29/2022 4:29:14 AM	67766
Surr: DNOP	66.9	51.1-141		%Rec	1	5/29/2022 4:29:14 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/28/2022 6:50:00 PM	67740
Surr: BFB	102	37.7-212		%Rec	1	5/28/2022 6:50:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/28/2022 6:50:00 PM	67740
Toluene	ND	0.049		mg/Kg	1	5/28/2022 6:50:00 PM	67740
Ethylbenzene	ND	0.049		mg/Kg	1	5/28/2022 6:50:00 PM	67740
Xylenes, Total	ND	0.099		mg/Kg	1	5/28/2022 6:50:00 PM	67740
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	5/28/2022 6:50:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-12 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:25:00 AM

Lab ID: 2205B77-012

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1900	60		mg/Kg	20	6/1/2022 9:58:17 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	30	7.9		mg/Kg	1	5/29/2022 4:53:45 AM	67766
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	5/29/2022 4:53:45 AM	67766
Surr: DNOP	70.9	51.1-141		%Rec	1	5/29/2022 4:53:45 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/28/2022 7:10:00 PM	67740
Surr: BFB	101	37.7-212		%Rec	1	5/28/2022 7:10:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/28/2022 7:10:00 PM	67740
Toluene	ND	0.048		mg/Kg	1	5/28/2022 7:10:00 PM	67740
Ethylbenzene	ND	0.048		mg/Kg	1	5/28/2022 7:10:00 PM	67740
Xylenes, Total	ND	0.095		mg/Kg	1	5/28/2022 7:10:00 PM	67740
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	5/28/2022 7:10:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-13 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:30:00 AM

Lab ID: 2205B77-013

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/1/2022 10:10:37 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	5/29/2022 5:18:16 AM	67766
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	5/29/2022 5:18:16 AM	67766
Surr: DNOP	68.1	51.1-141		%Rec	1	5/29/2022 5:18:16 AM	67766
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/28/2022 7:29:00 PM	67740
Surr: BFB	99.4	37.7-212		%Rec	1	5/28/2022 7:29:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 7:29:00 PM	67740
Toluene	ND	0.047		mg/Kg	1	5/28/2022 7:29:00 PM	67740
Ethylbenzene	ND	0.047		mg/Kg	1	5/28/2022 7:29:00 PM	67740
Xylenes, Total	ND	0.093		mg/Kg	1	5/28/2022 7:29:00 PM	67740
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	5/28/2022 7:29:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-14 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:35:00 AM

Lab ID: 2205B77-014

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/1/2022 10:22:58 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	37	10		mg/Kg	1	5/31/2022 10:55:15 AM	67767
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/31/2022 10:55:15 AM	67767
Surr: DNOP	98.0	51.1-141		%Rec	1	5/31/2022 10:55:15 AM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/28/2022 7:49:00 PM	67740
Surr: BFB	92.9	37.7-212		%Rec	1	5/28/2022 7:49:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/28/2022 7:49:00 PM	67740
Toluene	ND	0.049		mg/Kg	1	5/28/2022 7:49:00 PM	67740
Ethylbenzene	ND	0.049		mg/Kg	1	5/28/2022 7:49:00 PM	67740
Xylenes, Total	ND	0.098		mg/Kg	1	5/28/2022 7:49:00 PM	67740
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	5/28/2022 7:49:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-15 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:40:00 AM

Lab ID: 2205B77-015

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	320	59		mg/Kg	20	6/1/2022 10:35:19 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/31/2022 11:08:54 AM	67767
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/31/2022 11:08:54 AM	67767
Surr: DNOP	86.2	51.1-141		%Rec	1	5/31/2022 11:08:54 AM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/28/2022 8:09:00 PM	67740
Surr: BFB	100	37.7-212		%Rec	1	5/28/2022 8:09:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/28/2022 8:09:00 PM	67740
Toluene	ND	0.049		mg/Kg	1	5/28/2022 8:09:00 PM	67740
Ethylbenzene	ND	0.049		mg/Kg	1	5/28/2022 8:09:00 PM	67740
Xylenes, Total	ND	0.098		mg/Kg	1	5/28/2022 8:09:00 PM	67740
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	5/28/2022 8:09:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-16 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:45:00 AM

Lab ID: 2205B77-016

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	250	60		mg/Kg	20	6/1/2022 10:47:39 PM	67840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/31/2022 11:22:33 AM	67767
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/31/2022 11:22:33 AM	67767
Surr: DNOP	69.4	51.1-141		%Rec	1	5/31/2022 11:22:33 AM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/28/2022 8:28:00 PM	67740
Surr: BFB	92.5	37.7-212		%Rec	1	5/28/2022 8:28:00 PM	67740
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/28/2022 8:28:00 PM	67740
Toluene	ND	0.047		mg/Kg	1	5/28/2022 8:28:00 PM	67740
Ethylbenzene	ND	0.047		mg/Kg	1	5/28/2022 8:28:00 PM	67740
Xylenes, Total	ND	0.095		mg/Kg	1	5/28/2022 8:28:00 PM	67740
Surr: 4-Bromofluorobenzene	90.9	70-130		%Rec	1	5/28/2022 8:28:00 PM	67740

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-17 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:50:00 AM

Lab ID: 2205B77-017

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2300	150		mg/Kg	50	6/2/2022 10:52:13 AM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	380	9.4		mg/Kg	1	5/31/2022 11:36:13 AM	67767
Motor Oil Range Organics (MRO)	200	47		mg/Kg	1	5/31/2022 11:36:13 AM	67767
Surr: DNOP	85.6	51.1-141		%Rec	1	5/31/2022 11:36:13 AM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/28/2022 10:26:00 PM	67752
Surr: BFB	92.7	37.7-212		%Rec	1	5/28/2022 10:26:00 PM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/28/2022 10:26:00 PM	67752
Toluene	ND	0.047		mg/Kg	1	5/28/2022 10:26:00 PM	67752
Ethylbenzene	ND	0.047		mg/Kg	1	5/28/2022 10:26:00 PM	67752
Xylenes, Total	ND	0.093		mg/Kg	1	5/28/2022 10:26:00 PM	67752
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	5/28/2022 10:26:00 PM	67752

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

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

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-18 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 9:55:00 AM

Lab ID: 2205B77-018

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	3200	150		mg/Kg	50	6/2/2022 11:04:37 AM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	220	9.7		mg/Kg	1	5/31/2022 1:04:34 PM	67767
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	5/31/2022 1:04:34 PM	67767
Surr: DNOP	91.6	51.1-141		%Rec	1	5/31/2022 1:04:34 PM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/28/2022 11:25:00 PM	67752
Surr: BFB	90.5	37.7-212		%Rec	1	5/28/2022 11:25:00 PM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/28/2022 11:25:00 PM	67752
Toluene	ND	0.049		mg/Kg	1	5/28/2022 11:25:00 PM	67752
Ethylbenzene	ND	0.049		mg/Kg	1	5/28/2022 11:25:00 PM	67752
Xylenes, Total	ND	0.097		mg/Kg	1	5/28/2022 11:25:00 PM	67752
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	5/28/2022 11:25:00 PM	67752

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

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

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-19 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:00:00 AM

Lab ID: 2205B77-019

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	740	60		mg/Kg	20	6/1/2022 11:49:24 PM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	59	9.6		mg/Kg	1	5/31/2022 4:44:38 PM	67767
Motor Oil Range Organics (MRO)	49	48		mg/Kg	1	5/31/2022 4:44:38 PM	67767
Surr: DNOP	85.6	51.1-141		%Rec	1	5/31/2022 4:44:38 PM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/29/2022 12:24:00 AM	67752
Surr: BFB	93.3	37.7-212		%Rec	1	5/29/2022 12:24:00 AM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/29/2022 12:24:00 AM	67752
Toluene	ND	0.047		mg/Kg	1	5/29/2022 12:24:00 AM	67752
Ethylbenzene	ND	0.047		mg/Kg	1	5/29/2022 12:24:00 AM	67752
Xylenes, Total	ND	0.094		mg/Kg	1	5/29/2022 12:24:00 AM	67752
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	5/29/2022 12:24:00 AM	67752

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-20 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:05:00 AM

Lab ID: 2205B77-020

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	480	60		mg/Kg	20	6/2/2022 12:01:45 AM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	200	9.1		mg/Kg	1	5/31/2022 1:47:28 PM	67767
Motor Oil Range Organics (MRO)	120	45		mg/Kg	1	5/31/2022 1:47:28 PM	67767
Surr: DNOP	83.1	51.1-141		%Rec	1	5/31/2022 1:47:28 PM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/29/2022 12:44:00 AM	67752
Surr: BFB	95.5	37.7-212		%Rec	1	5/29/2022 12:44:00 AM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	5/29/2022 12:44:00 AM	67752
Toluene	ND	0.048		mg/Kg	1	5/29/2022 12:44:00 AM	67752
Ethylbenzene	ND	0.048		mg/Kg	1	5/29/2022 12:44:00 AM	67752
Xylenes, Total	ND	0.097		mg/Kg	1	5/29/2022 12:44:00 AM	67752
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	5/29/2022 12:44:00 AM	67752

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

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

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-21 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:10:00 AM

Lab ID: 2205B77-021

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	550	60		mg/Kg	20	6/2/2022 12:14:05 AM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	8.6		mg/Kg	1	5/31/2022 2:11:11 PM	67767
Motor Oil Range Organics (MRO)	110	43		mg/Kg	1	5/31/2022 2:11:11 PM	67767
Surr: DNOP	80.9	51.1-141		%Rec	1	5/31/2022 2:11:11 PM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2022 1:04:00 AM	67752
Surr: BFB	93.8	37.7-212		%Rec	1	5/29/2022 1:04:00 AM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/29/2022 1:04:00 AM	67752
Toluene	ND	0.049		mg/Kg	1	5/29/2022 1:04:00 AM	67752
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2022 1:04:00 AM	67752
Xylenes, Total	ND	0.098		mg/Kg	1	5/29/2022 1:04:00 AM	67752
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	5/29/2022 1:04:00 AM	67752

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

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

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-22 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:15:00 AM

Lab ID: 2205B77-022

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1900	60		mg/Kg	20	6/2/2022 12:26:27 AM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	350	8.8		mg/Kg	1	5/31/2022 2:32:41 PM	67767
Motor Oil Range Organics (MRO)	180	44		mg/Kg	1	5/31/2022 2:32:41 PM	67767
Surr: DNOP	86.8	51.1-141		%Rec	1	5/31/2022 2:32:41 PM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/29/2022 1:23:00 AM	67752
Surr: BFB	87.5	37.7-212		%Rec	1	5/29/2022 1:23:00 AM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/29/2022 1:23:00 AM	67752
Toluene	ND	0.047		mg/Kg	1	5/29/2022 1:23:00 AM	67752
Ethylbenzene	ND	0.047		mg/Kg	1	5/29/2022 1:23:00 AM	67752
Xylenes, Total	ND	0.094		mg/Kg	1	5/29/2022 1:23:00 AM	67752
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	5/29/2022 1:23:00 AM	67752

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

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

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Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-23 4

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:20:00 AM

Lab ID: 2205B77-023

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	3500	150		mg/Kg	50	6/2/2022 11:17:01 AM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	250	9.3		mg/Kg	1	5/31/2022 2:54:11 PM	67767
Motor Oil Range Organics (MRO)	210	47		mg/Kg	1	5/31/2022 2:54:11 PM	67767
Surr: DNOP	92.8	51.1-141		%Rec	1	5/31/2022 2:54:11 PM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/29/2022 1:43:00 AM	67752
Surr: BFB	88.2	37.7-212		%Rec	1	5/29/2022 1:43:00 AM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	5/29/2022 1:43:00 AM	67752
Toluene	ND	0.046		mg/Kg	1	5/29/2022 1:43:00 AM	67752
Ethylbenzene	ND	0.046		mg/Kg	1	5/29/2022 1:43:00 AM	67752
Xylenes, Total	ND	0.093		mg/Kg	1	5/29/2022 1:43:00 AM	67752
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	5/29/2022 1:43:00 AM	67752

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

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

Page 23 of 29

Analytical Report

Lab Order 2205B77

Date Reported: 6/6/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-24 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:25:00 AM

Lab ID: 2205B77-024

Matrix: SOIL

Received Date: 5/26/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2400	150		mg/Kg	50	6/2/2022 11:29:25 AM	67841
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	130	8.9		mg/Kg	1	5/31/2022 3:15:42 PM	67767
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/31/2022 3:15:42 PM	67767
Surr: DNOP	90.4	51.1-141		%Rec	1	5/31/2022 3:15:42 PM	67767
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/29/2022 2:03:00 AM	67752
Surr: BFB	92.8	37.7-212		%Rec	1	5/29/2022 2:03:00 AM	67752
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	5/29/2022 2:03:00 AM	67752
Toluene	ND	0.050		mg/Kg	1	5/29/2022 2:03:00 AM	67752
Ethylbenzene	ND	0.050		mg/Kg	1	5/29/2022 2:03:00 AM	67752
Xylenes, Total	ND	0.099		mg/Kg	1	5/29/2022 2:03:00 AM	67752
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	5/29/2022 2:03:00 AM	67752

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

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

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

WO#: 2205B77

06-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: MB-67840	SampType: mblk		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 67840		RunNo: 88422							
Prep Date: 6/1/2022	Analysis Date: 6/1/2022		SeqNo: 3137024		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67840	SampType: lcs		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 67840		RunNo: 88422							
Prep Date: 6/1/2022	Analysis Date: 6/1/2022		SeqNo: 3137025		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

Sample ID: MB-67841	SampType: mblk		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 67841		RunNo: 88422							
Prep Date: 6/1/2022	Analysis Date: 6/1/2022		SeqNo: 3137026		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67841	SampType: lcs		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 67841		RunNo: 88422							
Prep Date: 6/1/2022	Analysis Date: 6/1/2022		SeqNo: 3137027		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.3	90	110			

Qualifiers:

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

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

WO#: 2205B77

06-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: MB-67678	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67678			RunNo: 88246						
Prep Date: 5/25/2022	Analysis Date: 5/25/2022			SeqNo: 3130799		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.1		10.00		90.6	51.1	141			

Sample ID: LCS-67678	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67678			RunNo: 88246						
Prep Date: 5/25/2022	Analysis Date: 5/25/2022			SeqNo: 3130800		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		87.5	51.1	141			

Sample ID: MB-67767	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67767			RunNo: 88367						
Prep Date: 5/27/2022	Analysis Date: 5/31/2022			SeqNo: 3134570		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		100	51.1	141			

Sample ID: LCS-67767	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67767			RunNo: 88367						
Prep Date: 5/27/2022	Analysis Date: 5/31/2022			SeqNo: 3134571		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.9	64.4	127			
Surr: DNOP	4.2		5.000		84.8	51.1	141			

Sample ID: MB-67766	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67766			RunNo: 88246						
Prep Date: 5/27/2022	Analysis Date: 5/28/2022			SeqNo: 3134597		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		86.7	51.1	141			

Sample ID: LCS-67766	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67766			RunNo: 88246						
Prep Date: 5/27/2022	Analysis Date: 5/28/2022			SeqNo: 3134598		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2205B77
06-Jun-22

Client: EOG
Project: Mallard HM Fee Battery

Sample ID: LCS-67766	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 67766	RunNo: 88246								
Prep Date: 5/27/2022	Analysis Date: 5/28/2022	SeqNo: 3134598		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.6	64.4	127			
Surr: DNOP	3.6		5.000		72.6	51.1	141			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

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

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

WO#: 2205B77

06-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: ics-67740	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 67740				RunNo: 88354					
Prep Date: 5/26/2022	Analysis Date: 5/28/2022				SeqNo: 3133694	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.4	72.3	137			
Surr: BFB	1900		1000		192	37.7	212			

Sample ID: mb-67740	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 67740				RunNo: 88354					
Prep Date: 5/26/2022	Analysis Date: 5/28/2022				SeqNo: 3133695	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		88.2	37.7	212			

Sample ID: ics-67752	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 67752				RunNo: 88354					
Prep Date: 5/27/2022	Analysis Date: 5/28/2022				SeqNo: 3133718	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.6	72.3	137			
Surr: BFB	1900		1000		193	37.7	212			

Sample ID: mb-67752	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 67752				RunNo: 88354					
Prep Date: 5/27/2022	Analysis Date: 5/28/2022				SeqNo: 3133719	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		95.9	37.7	212			

Qualifiers:

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

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

WO#: 2205B77

06-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: ics-67740	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67740			RunNo: 88354						
Prep Date: 5/26/2022	Analysis Date: 5/28/2022			SeqNo: 3133737		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.5	80	120			
Toluene	0.94	0.050	1.000	0	93.6	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.0	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.6	70	130			

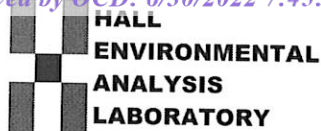
Sample ID: mb-67740	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67740			RunNo: 88354						
Prep Date: 5/26/2022	Analysis Date: 5/28/2022			SeqNo: 3133738		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		90.9	70	130			

Sample ID: ics-67752	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67752			RunNo: 88354						
Prep Date: 5/27/2022	Analysis Date: 5/28/2022			SeqNo: 3133757		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.1	80	120			
Toluene	0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.1	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.5	70	130			

Sample ID: mb-67752	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67752			RunNo: 88354						
Prep Date: 5/27/2022	Analysis Date: 5/28/2022			SeqNo: 3133758		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		93.4	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2205B77

RcptNo: 1

Received By: Tracy Casarrubias

5/26/2022 7:00:00 AM

Completed By: Tracy Casarrubias

5/26/2022 8:21:21 AM

Reviewed By: *[Signature]* 5-26-22

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(≤ 2 or >12 unless noted)

Adjusted? _____

Checked by: SGL 5/24/22

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good	Yes			
2	3.7	Good	Yes			
3	1.6	Good	Yes			
4	2.4	Good	Yes			

Chain-of-Custody Record

Client: EOG

Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

5 Day

☒ Standard ☒ Rush

Project Name:

Mallard HM Fee Battery

Project #:

22E-00123

Project Manager:

Monica Peppin

Sampler:

MJP

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CF): See Checklist (°C)

Date Time Matrix Sample Name

5/24 9:30 Soil BS22-13 4'

9:35 BS22-14 4'

9:40 BS22-15 4'

9:45 BS22-16 4'

9:50 BS22-17 4'

9:55 BS22-18 4'

10:00 BS22-19 4'

10:05 BS22-20 4'

10:10 BS22-21 4'

10:15 BS22-22 4'

10:20 BS22-23 4'

10:25 BS22-24 4'

Date:

Relinquished by:

Received by:

Date Time

Remarks:

CC: M. Peppin

Date:

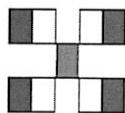
Relinquished by:

Received by:

Date Time

Remarks:

Direct bill EOG

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO) ☒

8081 Pesticides/8082 PCB's ☒

EDB (Method 504.1) ☒

PAHs by 8310 or 8270SIMS ☒

RCRA 8 Metals ☒

Cl⁻, F⁻, Br⁻, NO₃⁻, PO₄³⁻, SO₄²⁻ ☒

8260 (VOA) ☒

8270 (Semi-VOA) ☒

Total Coliform (Present/Absent) ☒

BTX / MTBE / TMB's (8021) ☒

HEAL No. 013

014

015

016

017

018

019

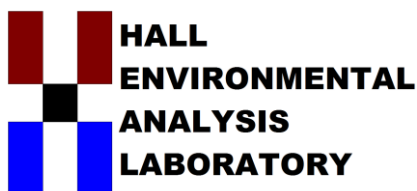
020

021

022

023

024



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

June 09, 2022

Monica Peppin
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Mallard HM Fee Battery

OrderNo.: 2205D09

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 150 sample(s) on 5/28/2022 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,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-25 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:30:00 AM

Lab ID: 2205D09-001

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	610	59		mg/Kg	20	6/2/2022 9:15:05 PM	67872
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/2/2022 6:43:10 PM	67802
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/2/2022 6:43:10 PM	67802
Surr: DNOP	74.5	51.1-141		%Rec	1	6/2/2022 6:43:10 PM	67802
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/31/2022 5:07:00 PM	67777
Surr: BFB	87.1	37.7-212		%Rec	1	5/31/2022 5:07:00 PM	67777
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 5:07:00 PM	67777
Toluene	ND	0.049		mg/Kg	1	5/31/2022 5:07:00 PM	67777
Ethylbenzene	ND	0.049		mg/Kg	1	5/31/2022 5:07:00 PM	67777
Xylenes, Total	ND	0.098		mg/Kg	1	5/31/2022 5:07:00 PM	67777
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	5/31/2022 5:07:00 PM	67777

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-26 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:35:00 AM

Lab ID: 2205D09-002

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1300	60		mg/Kg	20	6/2/2022 9:52:07 PM	67872
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	200	10		mg/Kg	1	6/2/2022 7:07:27 PM	67802
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/2/2022 7:07:27 PM	67802
Surr: DNOP	94.8	51.1-141		%Rec	1	6/2/2022 7:07:27 PM	67802
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/31/2022 5:27:00 PM	67777
Surr: BFB	92.7	37.7-212		%Rec	1	5/31/2022 5:27:00 PM	67777
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 5:27:00 PM	67777
Toluene	ND	0.048		mg/Kg	1	5/31/2022 5:27:00 PM	67777
Ethylbenzene	ND	0.048		mg/Kg	1	5/31/2022 5:27:00 PM	67777
Xylenes, Total	ND	0.096		mg/Kg	1	5/31/2022 5:27:00 PM	67777
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	5/31/2022 5:27:00 PM	67777

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-27 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:40:00 AM

Lab ID: 2205D09-003

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	4100	300		mg/Kg	100	6/4/2022 7:38:43 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	170	9.9		mg/Kg	1	6/1/2022 9:14:29 PM	67802
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	6/1/2022 9:14:29 PM	67802
Surr: DNOP	52.8	51.1-141		%Rec	1	6/1/2022 9:14:29 PM	67802
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/31/2022 5:47:00 PM	67777
Surr: BFB	85.2	37.7-212		%Rec	1	5/31/2022 5:47:00 PM	67777
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 5:47:00 PM	67777
Toluene	ND	0.049		mg/Kg	1	5/31/2022 5:47:00 PM	67777
Ethylbenzene	ND	0.049		mg/Kg	1	5/31/2022 5:47:00 PM	67777
Xylenes, Total	ND	0.097		mg/Kg	1	5/31/2022 5:47:00 PM	67777
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	5/31/2022 5:47:00 PM	67777

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-28 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:45:00 AM

Lab ID: 2205D09-004

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	470	60		mg/Kg	20	6/2/2022 10:04:27 PM	67872
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	55	8.1		mg/Kg	1	6/2/2022 7:31:45 PM	67802
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	6/2/2022 7:31:45 PM	67802
Surr: DNOP	81.9	51.1-141		%Rec	1	6/2/2022 7:31:45 PM	67802
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/31/2022 6:06:00 PM	67777
Surr: BFB	86.4	37.7-212		%Rec	1	5/31/2022 6:06:00 PM	67777
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 6:06:00 PM	67777
Toluene	ND	0.049		mg/Kg	1	5/31/2022 6:06:00 PM	67777
Ethylbenzene	ND	0.049		mg/Kg	1	5/31/2022 6:06:00 PM	67777
Xylenes, Total	ND	0.097		mg/Kg	1	5/31/2022 6:06:00 PM	67777
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	5/31/2022 6:06:00 PM	67777

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-29 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:50:00 AM

Lab ID: 2205D09-005

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1100	60		mg/Kg	20	6/3/2022 9:54:59 AM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	15	9.2		mg/Kg	1	6/2/2022 7:55:59 PM	67802
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/2/2022 7:55:59 PM	67802
Surr: DNOP	88.3	51.1-141		%Rec	1	6/2/2022 7:55:59 PM	67802
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/31/2022 8:05:00 PM	67777
Surr: BFB	87.2	37.7-212		%Rec	1	5/31/2022 8:05:00 PM	67777
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 8:05:00 PM	67777
Toluene	ND	0.049		mg/Kg	1	5/31/2022 8:05:00 PM	67777
Ethylbenzene	ND	0.049		mg/Kg	1	5/31/2022 8:05:00 PM	67777
Xylenes, Total	ND	0.097		mg/Kg	1	5/31/2022 8:05:00 PM	67777
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	5/31/2022 8:05:00 PM	67777

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-30 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 10:55:00 AM

Lab ID: 2205D09-006

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1800	60		mg/Kg	20	6/3/2022 10:07:20 AM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/2/2022 3:39:59 PM	67803
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/2/2022 3:39:59 PM	67803
Surr: DNOP	84.6	51.1-141		%Rec	1	6/2/2022 3:39:59 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/31/2022 8:24:00 PM	67778
Surr: BFB	87.4	37.7-212		%Rec	1	5/31/2022 8:24:00 PM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 8:24:00 PM	67778
Toluene	ND	0.047		mg/Kg	1	5/31/2022 8:24:00 PM	67778
Ethylbenzene	ND	0.047		mg/Kg	1	5/31/2022 8:24:00 PM	67778
Xylenes, Total	ND	0.095		mg/Kg	1	5/31/2022 8:24:00 PM	67778
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	5/31/2022 8:24:00 PM	67778

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-31 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:00:00 AM

Lab ID: 2205D09-007

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5500	150		mg/Kg	50	6/4/2022 7:51:07 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	14	9.2		mg/Kg	1	6/2/2022 3:50:34 PM	67803
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/2/2022 3:50:34 PM	67803
Surr: DNOP	84.4	51.1-141		%Rec	1	6/2/2022 3:50:34 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/31/2022 9:23:00 PM	67778
Surr: BFB	83.4	37.7-212		%Rec	1	5/31/2022 9:23:00 PM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	5/31/2022 9:23:00 PM	67778
Toluene	ND	0.047		mg/Kg	1	5/31/2022 9:23:00 PM	67778
Ethylbenzene	ND	0.047		mg/Kg	1	5/31/2022 9:23:00 PM	67778
Xylenes, Total	ND	0.094		mg/Kg	1	5/31/2022 9:23:00 PM	67778
Surr: 4-Bromofluorobenzene	81.6	70-130		%Rec	1	5/31/2022 9:23:00 PM	67778

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-32 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:05:00 AM

Lab ID: 2205D09-008

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	83	60		mg/Kg	20	6/3/2022 10:32:00 AM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	9.9	9.0		mg/Kg	1	6/2/2022 4:01:10 PM	67803
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/2/2022 4:01:10 PM	67803
Surr: DNOP	98.8	51.1-141		%Rec	1	6/2/2022 4:01:10 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/31/2022 10:22:00 PM	67778
Surr: BFB	81.6	37.7-212		%Rec	1	5/31/2022 10:22:00 PM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 10:22:00 PM	67778
Toluene	ND	0.049		mg/Kg	1	5/31/2022 10:22:00 PM	67778
Ethylbenzene	ND	0.049		mg/Kg	1	5/31/2022 10:22:00 PM	67778
Xylenes, Total	ND	0.098		mg/Kg	1	5/31/2022 10:22:00 PM	67778
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	5/31/2022 10:22:00 PM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-33 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:10:00 AM

Lab ID: 2205D09-009

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2200	60		mg/Kg	20	6/3/2022 10:44:19 AM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/2/2022 4:11:48 PM	67803
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/2/2022 4:11:48 PM	67803
Surr: DNOP	77.8	51.1-141		%Rec	1	6/2/2022 4:11:48 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/31/2022 10:42:00 PM	67778
Surr: BFB	83.6	37.7-212		%Rec	1	5/31/2022 10:42:00 PM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 10:42:00 PM	67778
Toluene	ND	0.049		mg/Kg	1	5/31/2022 10:42:00 PM	67778
Ethylbenzene	ND	0.049		mg/Kg	1	5/31/2022 10:42:00 PM	67778
Xylenes, Total	ND	0.097		mg/Kg	1	5/31/2022 10:42:00 PM	67778
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	5/31/2022 10:42:00 PM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-34 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:15:00 AM

Lab ID: 2205D09-010

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	60		mg/Kg	20	6/3/2022 11:21:21 AM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	21	9.8		mg/Kg	1	6/2/2022 4:22:27 PM	67803
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/2/2022 4:22:27 PM	67803
Surr: DNOP	69.1	51.1-141		%Rec	1	6/2/2022 4:22:27 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/31/2022 11:01:00 PM	67778
Surr: BFB	81.7	37.7-212		%Rec	1	5/31/2022 11:01:00 PM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	5/31/2022 11:01:00 PM	67778
Toluene	ND	0.049		mg/Kg	1	5/31/2022 11:01:00 PM	67778
Ethylbenzene	ND	0.049		mg/Kg	1	5/31/2022 11:01:00 PM	67778
Xylenes, Total	ND	0.099		mg/Kg	1	5/31/2022 11:01:00 PM	67778
Surr: 4-Bromofluorobenzene	82.8	70-130		%Rec	1	5/31/2022 11:01:00 PM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-35 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:20:00 AM

Lab ID: 2205D09-011

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	640	60		mg/Kg	20	6/3/2022 11:33:41 AM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	17	9.4		mg/Kg	1	6/2/2022 4:43:48 PM	67803
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 4:43:48 PM	67803
Surr: DNOP	130	51.1-141		%Rec	1	6/2/2022 4:43:48 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/31/2022 11:21:00 PM	67778
Surr: BFB	87.4	37.7-212		%Rec	1	5/31/2022 11:21:00 PM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	5/31/2022 11:21:00 PM	67778
Toluene	ND	0.048		mg/Kg	1	5/31/2022 11:21:00 PM	67778
Ethylbenzene	ND	0.048		mg/Kg	1	5/31/2022 11:21:00 PM	67778
Xylenes, Total	ND	0.096		mg/Kg	1	5/31/2022 11:21:00 PM	67778
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	5/31/2022 11:21:00 PM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-36 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:25:00 AM

Lab ID: 2205D09-012

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	4200	150		mg/Kg	50	6/4/2022 8:03:31 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/2/2022 5:05:12 PM	67803
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 5:05:12 PM	67803
Surr: DNOP	79.2	51.1-141		%Rec	1	6/2/2022 5:05:12 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/31/2022 11:41:00 PM	67778
Surr: BFB	88.6	37.7-212		%Rec	1	5/31/2022 11:41:00 PM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	5/31/2022 11:41:00 PM	67778
Toluene	ND	0.050		mg/Kg	1	5/31/2022 11:41:00 PM	67778
Ethylbenzene	ND	0.050		mg/Kg	1	5/31/2022 11:41:00 PM	67778
Xylenes, Total	ND	0.099		mg/Kg	1	5/31/2022 11:41:00 PM	67778
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	5/31/2022 11:41:00 PM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-37 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:30:00 AM

Lab ID: 2205D09-013

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1600	60		mg/Kg	20	6/2/2022 10:16:48 PM	67872
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/2/2022 5:15:55 PM	67803
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/2/2022 5:15:55 PM	67803
Surr: DNOP	75.3	51.1-141		%Rec	1	6/2/2022 5:15:55 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022	67778
Surr: BFB	87.1	37.7-212		%Rec	1	6/1/2022	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022	67778
Toluene	ND	0.047		mg/Kg	1	6/1/2022	67778
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022	67778
Xylenes, Total	ND	0.094		mg/Kg	1	6/1/2022	67778
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	6/1/2022	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-38 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:35:00 AM

Lab ID: 2205D09-014

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	520	60		mg/Kg	20	6/2/2022 10:29:09 PM	67872
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	85	9.0		mg/Kg	1	6/2/2022 5:26:38 PM	67803
Motor Oil Range Organics (MRO)	56	45		mg/Kg	1	6/2/2022 5:26:38 PM	67803
Surr: DNOP	81.2	51.1-141		%Rec	1	6/2/2022 5:26:38 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022 12:20:00 AM	67778
Surr: BFB	89.4	37.7-212		%Rec	1	6/1/2022 12:20:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 12:20:00 AM	67778
Toluene	ND	0.047		mg/Kg	1	6/1/2022 12:20:00 AM	67778
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022 12:20:00 AM	67778
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 12:20:00 AM	67778
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	6/1/2022 12:20:00 AM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-39 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:40:00 AM

Lab ID: 2205D09-015

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1300	60		mg/Kg	20	6/2/2022 10:41:30 PM	67872
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	240	9.5		mg/Kg	1	6/3/2022 8:59:13 AM	67803
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 8:59:13 AM	67803
Surr: DNOP	93.8	51.1-141		%Rec	1	6/3/2022 8:59:13 AM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	9.5		mg/Kg	2	6/1/2022 1:00:00 AM	67778
Surr: BFB	93.3	37.7-212		%Rec	2	6/1/2022 1:00:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.048		mg/Kg	2	6/1/2022 1:00:00 AM	67778
Toluene	ND	0.095		mg/Kg	2	6/1/2022 1:00:00 AM	67778
Ethylbenzene	ND	0.095		mg/Kg	2	6/1/2022 1:00:00 AM	67778
Xylenes, Total	ND	0.19		mg/Kg	2	6/1/2022 1:00:00 AM	67778
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	2	6/1/2022 1:00:00 AM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-40 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:45:00 AM

Lab ID: 2205D09-016

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	720	60		mg/Kg	20	6/3/2022 11:58:23 AM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/2/2022 5:48:27 PM	67803
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 5:48:27 PM	67803
Surr: DNOP	79.8	51.1-141		%Rec	1	6/2/2022 5:48:27 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 1:19:00 AM	67778
Surr: BFB	92.2	37.7-212		%Rec	1	6/1/2022 1:19:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 1:19:00 AM	67778
Toluene	ND	0.049		mg/Kg	1	6/1/2022 1:19:00 AM	67778
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 1:19:00 AM	67778
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 1:19:00 AM	67778
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	6/1/2022 1:19:00 AM	67778

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-41 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:50:00 AM

Lab ID: 2205D09-017

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1100	60		mg/Kg	20	6/3/2022 12:10:43 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	8.9		mg/Kg	1	6/2/2022 5:59:35 PM	67803
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/2/2022 5:59:35 PM	67803
Surr: DNOP	82.6	51.1-141		%Rec	1	6/2/2022 5:59:35 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 1:39:00 AM	67778
Surr: BFB	86.6	37.7-212		%Rec	1	6/1/2022 1:39:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 1:39:00 AM	67778
Toluene	ND	0.048		mg/Kg	1	6/1/2022 1:39:00 AM	67778
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 1:39:00 AM	67778
Xylenes, Total	ND	0.097		mg/Kg	1	6/1/2022 1:39:00 AM	67778
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	6/1/2022 1:39:00 AM	67778

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-42 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 8:55:00 AM

Lab ID: 2205D09-018

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	560	60		mg/Kg	20	6/3/2022 12:23:04 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	35	9.5		mg/Kg	1	6/2/2022 6:10:47 PM	67803
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 6:10:47 PM	67803
Surr: DNOP	76.9	51.1-141		%Rec	1	6/2/2022 6:10:47 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 1:58:00 AM	67778
Surr: BFB	84.3	37.7-212		%Rec	1	6/1/2022 1:58:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 1:58:00 AM	67778
Toluene	ND	0.048		mg/Kg	1	6/1/2022 1:58:00 AM	67778
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 1:58:00 AM	67778
Xylenes, Total	ND	0.097		mg/Kg	1	6/1/2022 1:58:00 AM	67778
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	6/1/2022 1:58:00 AM	67778

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-43 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:00:00 AM

Lab ID: 2205D09-019

Matrix: SOIL

Received Date: 5/28/2022 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	6/3/2022 1:00:07 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	190	9.3		mg/Kg	1	6/2/2022 6:22:01 PM	67803
Motor Oil Range Organics (MRO)	150	46		mg/Kg	1	6/2/2022 6:22:01 PM	67803
Surr: DNOP	103	51.1-141		%Rec	1	6/2/2022 6:22:01 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 2:18:00 AM	67778
Surr: BFB	81.0	37.7-212		%Rec	1	6/1/2022 2:18:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 2:18:00 AM	67778
Toluene	ND	0.048		mg/Kg	1	6/1/2022 2:18:00 AM	67778
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 2:18:00 AM	67778
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 2:18:00 AM	67778
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	6/1/2022 2:18:00 AM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-44 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:05:00 AM

Lab ID: 2205D09-020

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	870	60		mg/Kg	20	6/3/2022 1:12:27 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	140	8.7		mg/Kg	1	6/2/2022 6:44:14 PM	67803
Motor Oil Range Organics (MRO)	110	43		mg/Kg	1	6/2/2022 6:44:14 PM	67803
Surr: DNOP	80.3	51.1-141		%Rec	1	6/2/2022 6:44:14 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 2:38:00 AM	67778
Surr: BFB	84.3	37.7-212		%Rec	1	6/1/2022 2:38:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 2:38:00 AM	67778
Toluene	ND	0.049		mg/Kg	1	6/1/2022 2:38:00 AM	67778
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 2:38:00 AM	67778
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 2:38:00 AM	67778
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	6/1/2022 2:38:00 AM	67778

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-45 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:10:00 AM

Lab ID: 2205D09-021

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1700	60		mg/Kg	20	6/3/2022 1:49:29 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/2/2022 6:55:26 PM	67803
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/2/2022 6:55:26 PM	67803
Surr: DNOP	65.1	51.1-141		%Rec	1	6/2/2022 6:55:26 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 2:57:00 AM	67778
Surr: BFB	90.9	37.7-212		%Rec	1	6/1/2022 2:57:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 2:57:00 AM	67778
Toluene	ND	0.048		mg/Kg	1	6/1/2022 2:57:00 AM	67778
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 2:57:00 AM	67778
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2022 2:57:00 AM	67778
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	6/1/2022 2:57:00 AM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-46 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:15:00 AM

Lab ID: 2205D09-022

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	460	60		mg/Kg	20	6/3/2022 2:01:49 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/2/2022 7:06:27 PM	67803
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 7:06:27 PM	67803
Surr: DNOP	73.8	51.1-141		%Rec	1	6/2/2022 7:06:27 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 3:17:00 AM	67778
Surr: BFB	91.4	37.7-212		%Rec	1	6/1/2022 3:17:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 3:17:00 AM	67778
Toluene	ND	0.049		mg/Kg	1	6/1/2022 3:17:00 AM	67778
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 3:17:00 AM	67778
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 3:17:00 AM	67778
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	6/1/2022 3:17:00 AM	67778

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-47 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:20:00 AM

Lab ID: 2205D09-023

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2100	60		mg/Kg	20	6/3/2022 2:14:10 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	20	9.7		mg/Kg	1	6/2/2022 7:17:30 PM	67803
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/2/2022 7:17:30 PM	67803
Surr: DNOP	76.9	51.1-141		%Rec	1	6/2/2022 7:17:30 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 3:37:00 AM	67778
Surr: BFB	86.1	37.7-212		%Rec	1	6/1/2022 3:37:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 3:37:00 AM	67778
Toluene	ND	0.048		mg/Kg	1	6/1/2022 3:37:00 AM	67778
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 3:37:00 AM	67778
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2022 3:37:00 AM	67778
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	6/1/2022 3:37:00 AM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-48 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:25:00 AM

Lab ID: 2205D09-024

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2400	60		mg/Kg	20	6/3/2022 2:26:31 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	110	9.9		mg/Kg	1	6/2/2022 7:28:26 PM	67803
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	6/2/2022 7:28:26 PM	67803
Surr: DNOP	88.0	51.1-141		%Rec	1	6/2/2022 7:28:26 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022 3:57:00 AM	67778
Surr: BFB	87.6	37.7-212		%Rec	1	6/1/2022 3:57:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 3:57:00 AM	67778
Toluene	ND	0.047		mg/Kg	1	6/1/2022 3:57:00 AM	67778
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022 3:57:00 AM	67778
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 3:57:00 AM	67778
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	6/1/2022 3:57:00 AM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-49 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:30:00 AM

Lab ID: 2205D09-025

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5900	300		mg/Kg	100	6/4/2022 8:15:55 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	120	9.4		mg/Kg	1	6/2/2022 7:39:29 PM	67803
Motor Oil Range Organics (MRO)	130	47		mg/Kg	1	6/2/2022 7:39:29 PM	67803
Surr: DNOP	99.1	51.1-141		%Rec	1	6/2/2022 7:39:29 PM	67803
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022 4:36:00 AM	67778
Surr: BFB	81.8	37.7-212		%Rec	1	6/1/2022 4:36:00 AM	67778
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 4:36:00 AM	67778
Toluene	ND	0.047		mg/Kg	1	6/1/2022 4:36:00 AM	67778
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022 4:36:00 AM	67778
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 4:36:00 AM	67778
Surr: 4-Bromofluorobenzene	82.3	70-130		%Rec	1	6/1/2022 4:36:00 AM	67778

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-50 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:35:00 AM

Lab ID: 2205D09-026

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1500	60		mg/Kg	20	6/3/2022 2:51:11 PM	67877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	53	9.5		mg/Kg	1	6/2/2022 10:56:44 AM	67822
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 10:56:44 AM	67822
Surr: DNOP	99.5	51.1-141		%Rec	1	6/2/2022 10:56:44 AM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 10:19:00 AM	67793
Surr: BFB	84.6	37.7-212		%Rec	1	6/1/2022 10:19:00 AM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 10:19:00 AM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 10:19:00 AM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 10:19:00 AM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 10:19:00 AM	67793
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	6/1/2022 10:19:00 AM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-51 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:40:00 AM

Lab ID: 2205D09-027

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	740	60		mg/Kg	20	6/3/2022 3:28:13 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	12	9.9		mg/Kg	1	6/2/2022 11:28:30 AM	67822
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/2/2022 11:28:30 AM	67822
Surr: DNOP	61.9	51.1-141		%Rec	1	6/2/2022 11:28:30 AM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 11:19:00 AM	67793
Surr: BFB	89.4	37.7-212		%Rec	1	6/1/2022 11:19:00 AM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 11:19:00 AM	67793
Toluene	ND	0.050		mg/Kg	1	6/1/2022 11:19:00 AM	67793
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 11:19:00 AM	67793
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 11:19:00 AM	67793
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	6/1/2022 11:19:00 AM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-52 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:45:00 AM

Lab ID: 2205D09-028

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	830	60		mg/Kg	20	6/3/2022 3:40:34 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	42	9.6		mg/Kg	1	6/2/2022 11:39:07 AM	67822
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/2/2022 11:39:07 AM	67822
Surr: DNOP	88.8	51.1-141		%Rec	1	6/2/2022 11:39:07 AM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 12:17:00 PM	67793
Surr: BFB	83.9	37.7-212		%Rec	1	6/1/2022 12:17:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 12:17:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 12:17:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 12:17:00 PM	67793
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 12:17:00 PM	67793
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	6/1/2022 12:17:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-53 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:50:00 AM

Lab ID: 2205D09-029

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	660	60		mg/Kg	20	6/3/2022 4:42:19 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	99	9.9		mg/Kg	1	6/2/2022 11:49:44 AM	67822
Motor Oil Range Organics (MRO)	74	50		mg/Kg	1	6/2/2022 11:49:44 AM	67822
Surr: DNOP	77.4	51.1-141		%Rec	1	6/2/2022 11:49:44 AM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 12:37:00 PM	67793
Surr: BFB	85.3	37.7-212		%Rec	1	6/1/2022 12:37:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 12:37:00 PM	67793
Toluene	ND	0.050		mg/Kg	1	6/1/2022 12:37:00 PM	67793
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 12:37:00 PM	67793
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 12:37:00 PM	67793
Surr: 4-Bromofluorobenzene	83.9	70-130		%Rec	1	6/1/2022 12:37:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-54 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 9:55:00 AM

Lab ID: 2205D09-030

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	60		mg/Kg	20	6/3/2022 5:19:22 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	71	9.4		mg/Kg	1	6/2/2022 12:00:25 PM	67822
Motor Oil Range Organics (MRO)	68	47		mg/Kg	1	6/2/2022 12:00:25 PM	67822
Surr: DNOP	117	51.1-141		%Rec	1	6/2/2022 12:00:25 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 12:57:00 PM	67793
Surr: BFB	86.0	37.7-212		%Rec	1	6/1/2022 12:57:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 12:57:00 PM	67793
Toluene	ND	0.050		mg/Kg	1	6/1/2022 12:57:00 PM	67793
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 12:57:00 PM	67793
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 12:57:00 PM	67793
Surr: 4-Bromofluorobenzene	83.0	70-130		%Rec	1	6/1/2022 12:57:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-55 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:00:00 AM

Lab ID: 2205D09-031

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	8100	300		mg/Kg	100	6/4/2022 8:28:20 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	33	10		mg/Kg	1	6/2/2022 12:11:05 PM	67822
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/2/2022 12:11:05 PM	67822
Surr: DNOP	87.3	51.1-141		%Rec	1	6/2/2022 12:11:05 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 1:16:00 PM	67793
Surr: BFB	82.3	37.7-212		%Rec	1	6/1/2022 1:16:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 1:16:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 1:16:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 1:16:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 1:16:00 PM	67793
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	6/1/2022 1:16:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-56 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:05:00 AM

Lab ID: 2205D09-032

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5500	300		mg/Kg	100	6/4/2022 8:40:44 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	53	9.9		mg/Kg	1	6/2/2022 12:21:45 PM	67822
Motor Oil Range Organics (MRO)	53	49		mg/Kg	1	6/2/2022 12:21:45 PM	67822
Surr: DNOP	88.0	51.1-141		%Rec	1	6/2/2022 12:21:45 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 1:36:00 PM	67793
Surr: BFB	84.4	37.7-212		%Rec	1	6/1/2022 1:36:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 1:36:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 1:36:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 1:36:00 PM	67793
Xylenes, Total	ND	0.097		mg/Kg	1	6/1/2022 1:36:00 PM	67793
Surr: 4-Bromofluorobenzene	84.5	70-130		%Rec	1	6/1/2022 1:36:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-57 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:10:00 AM

Lab ID: 2205D09-033

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2300	60		mg/Kg	20	6/3/2022 5:56:25 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/2/2022 12:32:25 PM	67822
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/2/2022 12:32:25 PM	67822
Surr: DNOP	84.4	51.1-141		%Rec	1	6/2/2022 12:32:25 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 1:56:00 PM	67793
Surr: BFB	86.7	37.7-212		%Rec	1	6/1/2022 1:56:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 1:56:00 PM	67793
Toluene	ND	0.050		mg/Kg	1	6/1/2022 1:56:00 PM	67793
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 1:56:00 PM	67793
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 1:56:00 PM	67793
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	6/1/2022 1:56:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-58 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:15:00 AM

Lab ID: 2205D09-034

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	490	60		mg/Kg	20	6/3/2022 6:08:46 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/2/2022 12:43:07 PM	67822
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/2/2022 12:43:07 PM	67822
Surr: DNOP	110	51.1-141		%Rec	1	6/2/2022 12:43:07 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 2:15:00 PM	67793
Surr: BFB	89.9	37.7-212		%Rec	1	6/1/2022 2:15:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 2:15:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 2:15:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 2:15:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 2:15:00 PM	67793
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	6/1/2022 2:15:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-59 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:20:00 AM

Lab ID: 2205D09-035

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1600	60		mg/Kg	20	6/3/2022 6:45:48 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/2/2022 12:53:50 PM	67822
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/2/2022 12:53:50 PM	67822
Surr: DNOP	73.9	51.1-141		%Rec	1	6/2/2022 12:53:50 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 2:35:00 PM	67793
Surr: BFB	88.9	37.7-212		%Rec	1	6/1/2022 2:35:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 2:35:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 2:35:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 2:35:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 2:35:00 PM	67793
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	6/1/2022 2:35:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-60 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:25:00 AM

Lab ID: 2205D09-036

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2900	150		mg/Kg	50	6/4/2022 8:53:09 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	22	9.4		mg/Kg	1	6/2/2022 1:04:33 PM	67822
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 1:04:33 PM	67822
Surr: DNOP	82.2	51.1-141		%Rec	1	6/2/2022 1:04:33 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 3:15:00 PM	67793
Surr: BFB	81.2	37.7-212		%Rec	1	6/1/2022 3:15:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 3:15:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 3:15:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 3:15:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 3:15:00 PM	67793
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	6/1/2022 3:15:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-61 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:30:00 AM

Lab ID: 2205D09-037

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1800	60		mg/Kg	20	6/3/2022 7:10:30 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	94	9.3		mg/Kg	1	6/2/2022 1:15:17 PM	67822
Motor Oil Range Organics (MRO)	61	47		mg/Kg	1	6/2/2022 1:15:17 PM	67822
Surr: DNOP	76.0	51.1-141		%Rec	1	6/2/2022 1:15:17 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 3:34:00 PM	67793
Surr: BFB	83.6	37.7-212		%Rec	1	6/1/2022 3:34:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 3:34:00 PM	67793
Toluene	ND	0.050		mg/Kg	1	6/1/2022 3:34:00 PM	67793
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 3:34:00 PM	67793
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 3:34:00 PM	67793
Surr: 4-Bromofluorobenzene	83.2	70-130		%Rec	1	6/1/2022 3:34:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-62 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:35:00 AM

Lab ID: 2205D09-038

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1100	60		mg/Kg	20	6/3/2022 7:22:51 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	78	9.7		mg/Kg	1	6/2/2022 1:26:03 PM	67822
Motor Oil Range Organics (MRO)	64	49		mg/Kg	1	6/2/2022 1:26:03 PM	67822
Surr: DNOP	70.6	51.1-141		%Rec	1	6/2/2022 1:26:03 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 3:54:00 PM	67793
Surr: BFB	86.3	37.7-212		%Rec	1	6/1/2022 3:54:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 3:54:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 3:54:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 3:54:00 PM	67793
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 3:54:00 PM	67793
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	6/1/2022 3:54:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-63 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:40:00 AM

Lab ID: 2205D09-039

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	700	60		mg/Kg	20	6/3/2022 7:35:13 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	36	9.4		mg/Kg	1	6/2/2022 1:36:48 PM	67822
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 1:36:48 PM	67822
Surr: DNOP	77.6	51.1-141		%Rec	1	6/2/2022 1:36:48 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 4:14:00 PM	67793
Surr: BFB	88.1	37.7-212		%Rec	1	6/1/2022 4:14:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 4:14:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 4:14:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 4:14:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 4:14:00 PM	67793
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	6/1/2022 4:14:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-64 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:45:00 AM

Lab ID: 2205D09-040

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	940	60		mg/Kg	20	6/3/2022 7:47:34 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	15	9.3		mg/Kg	1	6/2/2022 1:47:42 PM	67822
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 1:47:42 PM	67822
Surr: DNOP	55.0	51.1-141		%Rec	1	6/2/2022 1:47:42 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 4:34:00 PM	67793
Surr: BFB	88.0	37.7-212		%Rec	1	6/1/2022 4:34:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 4:34:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 4:34:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 4:34:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 4:34:00 PM	67793
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	6/1/2022 4:34:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-65 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:50:00 AM

Lab ID: 2205D09-041

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2300	60		mg/Kg	20	6/3/2022 7:59:55 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	15	9.7		mg/Kg	1	6/2/2022 1:58:37 PM	67822
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/2/2022 1:58:37 PM	67822
Surr: DNOP	85.3	51.1-141		%Rec	1	6/2/2022 1:58:37 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 4:53:00 PM	67793
Surr: BFB	85.8	37.7-212		%Rec	1	6/1/2022 4:53:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 4:53:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 4:53:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 4:53:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 4:53:00 PM	67793
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	6/1/2022 4:53:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-66 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 10:55:00 AM

Lab ID: 2205D09-042

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	860	60		mg/Kg	20	6/3/2022 8:12:16 PM	67884
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/2/2022 2:09:32 PM	67822
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/2/2022 2:09:32 PM	67822
Surr: DNOP	85.8	51.1-141		%Rec	1	6/2/2022 2:09:32 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 5:13:00 PM	67793
Surr: BFB	87.8	37.7-212		%Rec	1	6/1/2022 5:13:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 5:13:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 5:13:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 5:13:00 PM	67793
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 5:13:00 PM	67793
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	6/1/2022 5:13:00 PM	67793

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-67 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:00:00 AM

Lab ID: 2205D09-043

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	690	60		mg/Kg	20	6/3/2022 12:53:29 PM	67883
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/2/2022 2:20:25 PM	67822
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/2/2022 2:20:25 PM	67822
Surr: DNOP	80.9	51.1-141		%Rec	1	6/2/2022 2:20:25 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 5:33:00 PM	67793
Surr: BFB	87.6	37.7-212		%Rec	1	6/1/2022 5:33:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 5:33:00 PM	67793
Toluene	ND	0.049		mg/Kg	1	6/1/2022 5:33:00 PM	67793
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 5:33:00 PM	67793
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 5:33:00 PM	67793
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	6/1/2022 5:33:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-68 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:05:00 AM

Lab ID: 2205D09-044

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	59		mg/Kg	20	6/3/2022 1:30:41 PM	67883
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	110	9.3		mg/Kg	1	6/2/2022 2:31:16 PM	67822
Motor Oil Range Organics (MRO)	77	47		mg/Kg	1	6/2/2022 2:31:16 PM	67822
Surr: DNOP	79.1	51.1-141		%Rec	1	6/2/2022 2:31:16 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 5:53:00 PM	67793
Surr: BFB	90.7	37.7-212		%Rec	1	6/1/2022 5:53:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 5:53:00 PM	67793
Toluene	ND	0.050		mg/Kg	1	6/1/2022 5:53:00 PM	67793
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 5:53:00 PM	67793
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 5:53:00 PM	67793
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	6/1/2022 5:53:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-69 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:10:00 AM

Lab ID: 2205D09-045

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5000	150		mg/Kg	50	6/4/2022 3:43:01 PM	67883
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/2/2022 2:42:07 PM	67822
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/2/2022 2:42:07 PM	67822
Surr: DNOP	102	51.1-141		%Rec	1	6/2/2022 2:42:07 PM	67822
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 6:13:00 PM	67793
Surr: BFB	84.4	37.7-212		%Rec	1	6/1/2022 6:13:00 PM	67793
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 6:13:00 PM	67793
Toluene	ND	0.050		mg/Kg	1	6/1/2022 6:13:00 PM	67793
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 6:13:00 PM	67793
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 6:13:00 PM	67793
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	6/1/2022 6:13:00 PM	67793

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-70 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:15:00 AM

Lab ID: 2205D09-046

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	740	60		mg/Kg	20	6/3/2022 2:20:19 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 12:06:30 AM	67798
Surr: BFB	104	70-130		%Rec	1	6/2/2022 12:06:30 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	44	9.8		mg/Kg	1	6/3/2022 10:50:25 AM	67821
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 10:50:25 AM	67821
Surr: DNOP	71.5	51.1-141		%Rec	1	6/3/2022 10:50:25 AM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/2/2022 12:06:30 AM	67798
Toluene	ND	0.049		mg/Kg	1	6/2/2022 12:06:30 AM	67798
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 12:06:30 AM	67798
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 12:06:30 AM	67798
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	6/2/2022 12:06:30 AM	67798
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	6/2/2022 12:06:30 AM	67798
Surr: Dibromofluoromethane	106	70-130		%Rec	1	6/2/2022 12:06:30 AM	67798
Surr: Toluene-d8	96.0	70-130		%Rec	1	6/2/2022 12:06:30 AM	67798

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-71 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:20:00 AM

Lab ID: 2205D09-047

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	60		mg/Kg	20	6/3/2022 2:32:43 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/2/2022 1:32:03 AM	67798
Surr: BFB	108	70-130		%Rec	1	6/2/2022 1:32:03 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/3/2022 11:14:11 AM	67821
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 11:14:11 AM	67821
Surr: DNOP	69.2	51.1-141		%Rec	1	6/3/2022 11:14:11 AM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/2/2022 1:32:03 AM	67798
Toluene	ND	0.047		mg/Kg	1	6/2/2022 1:32:03 AM	67798
Ethylbenzene	ND	0.047		mg/Kg	1	6/2/2022 1:32:03 AM	67798
Xylenes, Total	ND	0.094		mg/Kg	1	6/2/2022 1:32:03 AM	67798
Surr: 1,2-Dichloroethane-d4	99.0	70-130		%Rec	1	6/2/2022 1:32:03 AM	67798
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	6/2/2022 1:32:03 AM	67798
Surr: Dibromofluoromethane	114	70-130		%Rec	1	6/2/2022 1:32:03 AM	67798
Surr: Toluene-d8	97.0	70-130		%Rec	1	6/2/2022 1:32:03 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-72 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:25:00 AM

Lab ID: 2205D09-048

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	61		mg/Kg	20	6/3/2022 2:45:07 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/2/2022 2:00:37 AM	67798
Surr: BFB	109	70-130		%Rec	1	6/2/2022 2:00:37 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	24	9.6		mg/Kg	1	6/3/2022 11:38:08 AM	67821
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/3/2022 11:38:08 AM	67821
Surr: DNOP	71.5	51.1-141		%Rec	1	6/3/2022 11:38:08 AM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/2/2022 2:00:37 AM	67798
Toluene	ND	0.046		mg/Kg	1	6/2/2022 2:00:37 AM	67798
Ethylbenzene	ND	0.046		mg/Kg	1	6/2/2022 2:00:37 AM	67798
Xylenes, Total	ND	0.092		mg/Kg	1	6/2/2022 2:00:37 AM	67798
Surr: 1,2-Dichloroethane-d4	99.1	70-130		%Rec	1	6/2/2022 2:00:37 AM	67798
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	6/2/2022 2:00:37 AM	67798
Surr: Dibromofluoromethane	109	70-130		%Rec	1	6/2/2022 2:00:37 AM	67798
Surr: Toluene-d8	97.9	70-130		%Rec	1	6/2/2022 2:00:37 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-73 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:30:00 AM

Lab ID: 2205D09-049

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	10000	300		mg/Kg	100	6/4/2022 3:55:25 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/2/2022 4:23:19 AM	67798
Surr: BFB	106	70-130		%Rec	1	6/2/2022 4:23:19 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	55	9.9		mg/Kg	1	6/3/2022 12:02:01 PM	67821
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 12:02:01 PM	67821
Surr: DNOP	87.8	51.1-141		%Rec	1	6/3/2022 12:02:01 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/2/2022 4:23:19 AM	67798
Toluene	ND	0.048		mg/Kg	1	6/2/2022 4:23:19 AM	67798
Ethylbenzene	ND	0.048		mg/Kg	1	6/2/2022 4:23:19 AM	67798
Xylenes, Total	ND	0.096		mg/Kg	1	6/2/2022 4:23:19 AM	67798
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	6/2/2022 4:23:19 AM	67798
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	6/2/2022 4:23:19 AM	67798
Surr: Dibromofluoromethane	109	70-130		%Rec	1	6/2/2022 4:23:19 AM	67798
Surr: Toluene-d8	98.8	70-130		%Rec	1	6/2/2022 4:23:19 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-74 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:35:00 AM

Lab ID: 2205D09-050

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/3/2022 3:34:44 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 4:51:45 AM	67798
Surr: BFB	105	70-130		%Rec	1	6/2/2022 4:51:45 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	180	9.5		mg/Kg	1	6/3/2022 12:25:56 PM	67821
Motor Oil Range Organics (MRO)	120	47		mg/Kg	1	6/3/2022 12:25:56 PM	67821
Surr: DNOP	84.7	51.1-141		%Rec	1	6/3/2022 12:25:56 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/2/2022 4:51:45 AM	67798
Toluene	ND	0.050		mg/Kg	1	6/2/2022 4:51:45 AM	67798
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 4:51:45 AM	67798
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 4:51:45 AM	67798
Surr: 1,2-Dichloroethane-d4	96.5	70-130		%Rec	1	6/2/2022 4:51:45 AM	67798
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	6/2/2022 4:51:45 AM	67798
Surr: Dibromofluoromethane	109	70-130		%Rec	1	6/2/2022 4:51:45 AM	67798
Surr: Toluene-d8	96.6	70-130		%Rec	1	6/2/2022 4:51:45 AM	67798

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-75 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:40:00 AM

Lab ID: 2205D09-051

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	380	60		mg/Kg	20	6/3/2022 3:47:09 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 5:20:16 AM	67798
Surr: BFB	105	70-130		%Rec	1	6/2/2022 5:20:16 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	41	10		mg/Kg	1	6/3/2022 12:49:48 PM	67821
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 12:49:48 PM	67821
Surr: DNOP	95.4	51.1-141		%Rec	1	6/3/2022 12:49:48 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/2/2022 5:20:16 AM	67798
Toluene	ND	0.049		mg/Kg	1	6/2/2022 5:20:16 AM	67798
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 5:20:16 AM	67798
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 5:20:16 AM	67798
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	6/2/2022 5:20:16 AM	67798
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	6/2/2022 5:20:16 AM	67798
Surr: Dibromofluoromethane	115	70-130		%Rec	1	6/2/2022 5:20:16 AM	67798
Surr: Toluene-d8	98.1	70-130		%Rec	1	6/2/2022 5:20:16 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-76 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:45:00 AM

Lab ID: 2205D09-052

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1600	60		mg/Kg	20	6/3/2022 3:59:33 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/2/2022 5:48:51 AM	67798
Surr: BFB	105	70-130		%Rec	1	6/2/2022 5:48:51 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/3/2022 1:13:37 PM	67821
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/3/2022 1:13:37 PM	67821
Surr: DNOP	69.5	51.1-141		%Rec	1	6/3/2022 1:13:37 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/2/2022 5:48:51 AM	67798
Toluene	ND	0.046		mg/Kg	1	6/2/2022 5:48:51 AM	67798
Ethylbenzene	ND	0.046		mg/Kg	1	6/2/2022 5:48:51 AM	67798
Xylenes, Total	ND	0.092		mg/Kg	1	6/2/2022 5:48:51 AM	67798
Surr: 1,2-Dichloroethane-d4	98.8	70-130		%Rec	1	6/2/2022 5:48:51 AM	67798
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	6/2/2022 5:48:51 AM	67798
Surr: Dibromofluoromethane	108	70-130		%Rec	1	6/2/2022 5:48:51 AM	67798
Surr: Toluene-d8	97.5	70-130		%Rec	1	6/2/2022 5:48:51 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-77 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:50:00 AM

Lab ID: 2205D09-053

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	860	60		mg/Kg	20	6/3/2022 4:11:58 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 6:17:29 AM	67798
Surr: BFB	104	70-130		%Rec	1	6/2/2022 6:17:29 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	16	10		mg/Kg	1	6/3/2022 1:39:03 PM	67821
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 1:39:03 PM	67821
Surr: DNOP	71.4	51.1-141		%Rec	1	6/3/2022 1:39:03 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/2/2022 6:17:29 AM	67798
Toluene	ND	0.049		mg/Kg	1	6/2/2022 6:17:29 AM	67798
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 6:17:29 AM	67798
Xylenes, Total	ND	0.097		mg/Kg	1	6/2/2022 6:17:29 AM	67798
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	6/2/2022 6:17:29 AM	67798
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	6/2/2022 6:17:29 AM	67798
Surr: Dibromofluoromethane	113	70-130		%Rec	1	6/2/2022 6:17:29 AM	67798
Surr: Toluene-d8	94.0	70-130		%Rec	1	6/2/2022 6:17:29 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-78 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 11:55:00 AM

Lab ID: 2205D09-054

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	590	59		mg/Kg	20	6/3/2022 4:24:22 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/2/2022 6:46:05 AM	67798
Surr: BFB	102	70-130		%Rec	1	6/2/2022 6:46:05 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	10	9.5		mg/Kg	1	6/3/2022 2:02:51 PM	67821
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/3/2022 2:02:51 PM	67821
Surr: DNOP	76.7	51.1-141		%Rec	1	6/3/2022 2:02:51 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/2/2022 6:46:05 AM	67798
Toluene	ND	0.047		mg/Kg	1	6/2/2022 6:46:05 AM	67798
Ethylbenzene	ND	0.047		mg/Kg	1	6/2/2022 6:46:05 AM	67798
Xylenes, Total	ND	0.093		mg/Kg	1	6/2/2022 6:46:05 AM	67798
Surr: 1,2-Dichloroethane-d4	98.9	70-130		%Rec	1	6/2/2022 6:46:05 AM	67798
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	6/2/2022 6:46:05 AM	67798
Surr: Dibromofluoromethane	111	70-130		%Rec	1	6/2/2022 6:46:05 AM	67798
Surr: Toluene-d8	94.5	70-130		%Rec	1	6/2/2022 6:46:05 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-79 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:00:00 PM

Lab ID: 2205D09-055

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1700	60		mg/Kg	20	6/3/2022 4:36:46 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/2/2022 7:14:32 AM	67798
Surr: BFB	106	70-130		%Rec	1	6/2/2022 7:14:32 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/3/2022 2:26:44 PM	67821
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 2:26:44 PM	67821
Surr: DNOP	73.4	51.1-141		%Rec	1	6/3/2022 2:26:44 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/2/2022 7:14:32 AM	67798
Toluene	ND	0.047		mg/Kg	1	6/2/2022 7:14:32 AM	67798
Ethylbenzene	ND	0.047		mg/Kg	1	6/2/2022 7:14:32 AM	67798
Xylenes, Total	ND	0.095		mg/Kg	1	6/2/2022 7:14:32 AM	67798
Surr: 1,2-Dichloroethane-d4	99.4	70-130		%Rec	1	6/2/2022 7:14:32 AM	67798
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	6/2/2022 7:14:32 AM	67798
Surr: Dibromofluoromethane	110	70-130		%Rec	1	6/2/2022 7:14:32 AM	67798
Surr: Toluene-d8	96.4	70-130		%Rec	1	6/2/2022 7:14:32 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-80 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:05:00 PM

Lab ID: 2205D09-056

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	4300	150		mg/Kg	50	6/4/2022 4:07:49 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/2/2022 7:43:01 AM	67798
Surr: BFB	103	70-130		%Rec	1	6/2/2022 7:43:01 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	13	9.9		mg/Kg	1	6/3/2022 2:50:35 PM	67821
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 2:50:35 PM	67821
Surr: DNOP	74.9	51.1-141		%Rec	1	6/3/2022 2:50:35 PM	67821
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/2/2022 7:43:01 AM	67798
Toluene	ND	0.046		mg/Kg	1	6/2/2022 7:43:01 AM	67798
Ethylbenzene	ND	0.046		mg/Kg	1	6/2/2022 7:43:01 AM	67798
Xylenes, Total	ND	0.092		mg/Kg	1	6/2/2022 7:43:01 AM	67798
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	6/2/2022 7:43:01 AM	67798
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	6/2/2022 7:43:01 AM	67798
Surr: Dibromofluoromethane	114	70-130		%Rec	1	6/2/2022 7:43:01 AM	67798
Surr: Toluene-d8	96.1	70-130		%Rec	1	6/2/2022 7:43:01 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-81 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:10:00 PM

Lab ID: 2205D09-057

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1800	60		mg/Kg	20	6/3/2022 5:01:35 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/2/2022 8:11:38 AM	67798
Surr: BFB	108	70-130		%Rec	1	6/2/2022 8:11:38 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	70	9.3		mg/Kg	1	6/2/2022 3:33:22 PM	67844
Motor Oil Range Organics (MRO)	48	47		mg/Kg	1	6/2/2022 3:33:22 PM	67844
Surr: DNOP	89.6	51.1-141		%Rec	1	6/2/2022 3:33:22 PM	67844
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/2/2022 8:11:38 AM	67798
Toluene	ND	0.046		mg/Kg	1	6/2/2022 8:11:38 AM	67798
Ethylbenzene	ND	0.046		mg/Kg	1	6/2/2022 8:11:38 AM	67798
Xylenes, Total	ND	0.091		mg/Kg	1	6/2/2022 8:11:38 AM	67798
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	6/2/2022 8:11:38 AM	67798
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	6/2/2022 8:11:38 AM	67798
Surr: Dibromofluoromethane	111	70-130		%Rec	1	6/2/2022 8:11:38 AM	67798
Surr: Toluene-d8	99.0	70-130		%Rec	1	6/2/2022 8:11:38 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-82 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:15:00 PM

Lab ID: 2205D09-058

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2500	150		mg/Kg	50	6/4/2022 4:45:02 PM	67883
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 8:40:11 AM	67798
Surr: BFB	104	70-130		%Rec	1	6/2/2022 8:40:11 AM	67798
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	370	9.5		mg/Kg	1	6/2/2022 3:57:54 PM	67844
Motor Oil Range Organics (MRO)	330	48		mg/Kg	1	6/2/2022 3:57:54 PM	67844
Surr: DNOP	97.2	51.1-141		%Rec	1	6/2/2022 3:57:54 PM	67844
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/2/2022 8:40:11 AM	67798
Toluene	ND	0.049		mg/Kg	1	6/2/2022 8:40:11 AM	67798
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 8:40:11 AM	67798
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 8:40:11 AM	67798
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	6/2/2022 8:40:11 AM	67798
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	6/2/2022 8:40:11 AM	67798
Surr: Dibromofluoromethane	113	70-130		%Rec	1	6/2/2022 8:40:11 AM	67798
Surr: Toluene-d8	94.4	70-130		%Rec	1	6/2/2022 8:40:11 AM	67798

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-83 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:20:00 PM

Lab ID: 2205D09-059

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2100	60		mg/Kg	20	6/3/2022 5:51:12 PM	67883
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	300	10		mg/Kg	1	6/1/2022 5:43:38 PM	67823
Motor Oil Range Organics (MRO)	220	50		mg/Kg	1	6/1/2022 5:43:38 PM	67823
Surr: DNOP	83.8	51.1-141		%Rec	1	6/1/2022 5:43:38 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 8:11:00 PM	67807
Surr: BFB	83.2	37.7-212		%Rec	1	6/1/2022 8:11:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 8:11:00 PM	67807
Toluene	ND	0.049		mg/Kg	1	6/1/2022 8:11:00 PM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 8:11:00 PM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 8:11:00 PM	67807
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	6/1/2022 8:11:00 PM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-84 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:25:00 PM

Lab ID: 2205D09-060

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	4800	150		mg/Kg	50	6/4/2022 4:57:27 PM	67883
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/1/2022 6:27:12 PM	67823
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/1/2022 6:27:12 PM	67823
Surr: DNOP	86.9	51.1-141		%Rec	1	6/1/2022 6:27:12 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 9:10:00 PM	67807
Surr: BFB	82.5	37.7-212		%Rec	1	6/1/2022 9:10:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 9:10:00 PM	67807
Toluene	ND	0.049		mg/Kg	1	6/1/2022 9:10:00 PM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 9:10:00 PM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 9:10:00 PM	67807
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	6/1/2022 9:10:00 PM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-85 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:30:00 PM

Lab ID: 2205D09-061

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	950	60		mg/Kg	20	6/3/2022 6:16:01 PM	67883
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	11	10		mg/Kg	1	6/1/2022 6:38:07 PM	67823
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/1/2022 6:38:07 PM	67823
Surr: DNOP	111	51.1-141		%Rec	1	6/1/2022 6:38:07 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 10:09:00 PM	67807
Surr: BFB	81.5	37.7-212		%Rec	1	6/1/2022 10:09:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 10:09:00 PM	67807
Toluene	ND	0.050		mg/Kg	1	6/1/2022 10:09:00 PM	67807
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 10:09:00 PM	67807
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 10:09:00 PM	67807
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	6/1/2022 10:09:00 PM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-86 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:35:00 PM

Lab ID: 2205D09-062

Matrix: SOIL

Received Date: 5/28/2022 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	6/3/2022 6:28:26 PM	67883
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	250	10		mg/Kg	1	6/1/2022 6:49:02 PM	67823
Motor Oil Range Organics (MRO)	160	50		mg/Kg	1	6/1/2022 6:49:02 PM	67823
Surr: DNOP	84.2	51.1-141		%Rec	1	6/1/2022 6:49:02 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 10:29:00 PM	67807
Surr: BFB	83.9	37.7-212		%Rec	1	6/1/2022 10:29:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 10:29:00 PM	67807
Toluene	ND	0.048		mg/Kg	1	6/1/2022 10:29:00 PM	67807
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 10:29:00 PM	67807
Xylenes, Total	ND	0.097		mg/Kg	1	6/1/2022 10:29:00 PM	67807
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	6/1/2022 10:29:00 PM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-87 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:40:00 PM

Lab ID: 2205D09-063

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3100	150		mg/Kg	50	6/4/2022 5:09:51 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	86	10		mg/Kg	1	6/2/2022 8:35:18 AM	67823
Motor Oil Range Organics (MRO)	77	50		mg/Kg	1	6/2/2022 8:35:18 AM	67823
Surr: DNOP	88.8	51.1-141		%Rec	1	6/2/2022 8:35:18 AM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 10:48:00 PM	67807
Surr: BFB	83.8	37.7-212		%Rec	1	6/1/2022 10:48:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 10:48:00 PM	67807
Toluene	ND	0.049		mg/Kg	1	6/1/2022 10:48:00 PM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 10:48:00 PM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 10:48:00 PM	67807
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	6/1/2022 10:48:00 PM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-88 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:45:00 PM

Lab ID: 2205D09-064

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2600	150		mg/Kg	50	6/4/2022 5:22:15 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	20	9.3		mg/Kg	1	6/1/2022 7:10:53 PM	67823
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/1/2022 7:10:53 PM	67823
Surr: DNOP	114	51.1-141		%Rec	1	6/1/2022 7:10:53 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 11:08:00 PM	67807
Surr: BFB	83.3	37.7-212		%Rec	1	6/1/2022 11:08:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 11:08:00 PM	67807
Toluene	ND	0.050		mg/Kg	1	6/1/2022 11:08:00 PM	67807
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 11:08:00 PM	67807
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 11:08:00 PM	67807
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	6/1/2022 11:08:00 PM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-89 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:50:00 PM

Lab ID: 2205D09-065

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3800	150		mg/Kg	50	6/4/2022 5:34:40 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/1/2022 7:21:50 PM	67823
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/1/2022 7:21:50 PM	67823
Surr: DNOP	90.8	51.1-141		%Rec	1	6/1/2022 7:21:50 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 11:28:00 PM	67807
Surr: BFB	86.5	37.7-212		%Rec	1	6/1/2022 11:28:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 11:28:00 PM	67807
Toluene	ND	0.050		mg/Kg	1	6/1/2022 11:28:00 PM	67807
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 11:28:00 PM	67807
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 11:28:00 PM	67807
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	6/1/2022 11:28:00 PM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-90 4'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 12:55:00 PM

Lab ID: 2205D09-066

Matrix: SOIL

Received Date: 5/28/2022 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	6/3/2022 8:20:06 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	16	9.3		mg/Kg	1	6/1/2022 7:32:55 PM	67823
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/1/2022 7:32:55 PM	67823
Surr: DNOP	80.7	51.1-141		%Rec	1	6/1/2022 7:32:55 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 11:47:00 PM	67807
Surr: BFB	88.7	37.7-212		%Rec	1	6/1/2022 11:47:00 PM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 11:47:00 PM	67807
Toluene	ND	0.049		mg/Kg	1	6/1/2022 11:47:00 PM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 11:47:00 PM	67807
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 11:47:00 PM	67807
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	6/1/2022 11:47:00 PM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-91 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 11:30:00 AM

Lab ID: 2205D09-067

Matrix: SOIL

Received Date: 5/28/2022 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	6/3/2022 8:57:19 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	100	9.0		mg/Kg	1	6/1/2022 7:54:45 PM	67823
Motor Oil Range Organics (MRO)	80	45		mg/Kg	1	6/1/2022 7:54:45 PM	67823
Surr: DNOP	94.7	51.1-141		%Rec	1	6/1/2022 7:54:45 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 12:07:00 AM	67807
Surr: BFB	84.0	37.7-212		%Rec	1	6/2/2022 12:07:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 12:07:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 12:07:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 12:07:00 AM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 12:07:00 AM	67807
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	6/2/2022 12:07:00 AM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-92 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 11:35:00 AM

Lab ID: 2205D09-068

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2400	150		mg/Kg	50	6/4/2022 5:47:04 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/1/2022 8:05:45 PM	67823
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/1/2022 8:05:45 PM	67823
Surr: DNOP	108	51.1-141		%Rec	1	6/1/2022 8:05:45 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 12:27:00 AM	67807
Surr: BFB	88.4	37.7-212		%Rec	1	6/2/2022 12:27:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 12:27:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 12:27:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 12:27:00 AM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 12:27:00 AM	67807
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	6/2/2022 12:27:00 AM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-93 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 11:40:00 AM

Lab ID: 2205D09-069

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	840	60		mg/Kg	20	6/3/2022 9:46:56 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/1/2022 8:16:49 PM	67823
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/1/2022 8:16:49 PM	67823
Surr: DNOP	92.7	51.1-141		%Rec	1	6/1/2022 8:16:49 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 1:06:00 AM	67807
Surr: BFB	84.7	37.7-212		%Rec	1	6/2/2022 1:06:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 1:06:00 AM	67807
Toluene	ND	0.050		mg/Kg	1	6/2/2022 1:06:00 AM	67807
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 1:06:00 AM	67807
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 1:06:00 AM	67807
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	6/2/2022 1:06:00 AM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-94 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 11:45:00 AM

Lab ID: 2205D09-070

Matrix: SOIL

Received Date: 5/28/2022 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	6/3/2022 9:59:20 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	45	9.7		mg/Kg	1	6/1/2022 8:27:47 PM	67823
Motor Oil Range Organics (MRO)	88	48		mg/Kg	1	6/1/2022 8:27:47 PM	67823
Surr: DNOP	117	51.1-141		%Rec	1	6/1/2022 8:27:47 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/2/2022 1:26:00 AM	67807
Surr: BFB	86.2	37.7-212		%Rec	1	6/2/2022 1:26:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 1:26:00 AM	67807
Toluene	ND	0.048		mg/Kg	1	6/2/2022 1:26:00 AM	67807
Ethylbenzene	ND	0.048		mg/Kg	1	6/2/2022 1:26:00 AM	67807
Xylenes, Total	ND	0.097		mg/Kg	1	6/2/2022 1:26:00 AM	67807
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	6/2/2022 1:26:00 AM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-95 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 11:50:00 AM

Lab ID: 2205D09-071

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	220	60		mg/Kg	20	6/3/2022 10:11:45 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/1/2022 8:49:27 PM	67823
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/1/2022 8:49:27 PM	67823
Surr: DNOP	96.6	51.1-141		%Rec	1	6/1/2022 8:49:27 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 1:45:00 AM	67807
Surr: BFB	85.6	37.7-212		%Rec	1	6/2/2022 1:45:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 1:45:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 1:45:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 1:45:00 AM	67807
Xylenes, Total	ND	0.097		mg/Kg	1	6/2/2022 1:45:00 AM	67807
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	6/2/2022 1:45:00 AM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-96 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 11:55:00 AM

Lab ID: 2205D09-072

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/3/2022 10:48:58 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	39	9.6		mg/Kg	1	6/1/2022 9:00:21 PM	67823
Motor Oil Range Organics (MRO)	72	48		mg/Kg	1	6/1/2022 9:00:21 PM	67823
Surr: DNOP	94.2	51.1-141		%Rec	1	6/1/2022 9:00:21 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 2:05:00 AM	67807
Surr: BFB	84.6	37.7-212		%Rec	1	6/2/2022 2:05:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:05:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 2:05:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 2:05:00 AM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 2:05:00 AM	67807
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	6/2/2022 2:05:00 AM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-97 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:00:00 PM

Lab ID: 2205D09-073

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5100	300		mg/Kg	100	6/4/2022 5:59:28 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	49	9.7		mg/Kg	1	6/1/2022 9:22:05 PM	67823
Motor Oil Range Organics (MRO)	56	49		mg/Kg	1	6/1/2022 9:22:05 PM	67823
Surr: DNOP	91.6	51.1-141		%Rec	1	6/1/2022 9:22:05 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 2:25:00 AM	67807
Surr: BFB	82.8	37.7-212		%Rec	1	6/2/2022 2:25:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:25:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 2:25:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 2:25:00 AM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 2:25:00 AM	67807
Surr: 4-Bromofluorobenzene	83.9	70-130		%Rec	1	6/2/2022 2:25:00 AM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-98 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:05:00 PM

Lab ID: 2205D09-074

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3200	150		mg/Kg	50	6/4/2022 6:11:53 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	55	9.7		mg/Kg	1	6/1/2022 9:32:55 PM	67823
Motor Oil Range Organics (MRO)	64	48		mg/Kg	1	6/1/2022 9:32:55 PM	67823
Surr: DNOP	92.8	51.1-141		%Rec	1	6/1/2022 9:32:55 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 2:44:00 AM	67807
Surr: BFB	81.9	37.7-212		%Rec	1	6/2/2022 2:44:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:44:00 AM	67807
Toluene	ND	0.050		mg/Kg	1	6/2/2022 2:44:00 AM	67807
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 2:44:00 AM	67807
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 2:44:00 AM	67807
Surr: 4-Bromofluorobenzene	83.2	70-130		%Rec	1	6/2/2022 2:44:00 AM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-99 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:10:00 PM

Lab ID: 2205D09-075

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1500	60		mg/Kg	20	6/3/2022 11:26:11 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	260	9.7		mg/Kg	1	6/1/2022 9:43:48 PM	67823
Motor Oil Range Organics (MRO)	170	48		mg/Kg	1	6/1/2022 9:43:48 PM	67823
Surr: DNOP	91.2	51.1-141		%Rec	1	6/1/2022 9:43:48 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 3:04:00 AM	67807
Surr: BFB	86.8	37.7-212		%Rec	1	6/2/2022 3:04:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 3:04:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 3:04:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 3:04:00 AM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 3:04:00 AM	67807
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	6/2/2022 3:04:00 AM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-100 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:15:00 PM

Lab ID: 2205D09-076

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3200	150		mg/Kg	50	6/4/2022 6:24:18 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	65	9.5		mg/Kg	1	6/2/2022 8:56:38 AM	67823
Motor Oil Range Organics (MRO)	57	47		mg/Kg	1	6/2/2022 8:56:38 AM	67823
Surr: DNOP	90.6	51.1-141		%Rec	1	6/2/2022 8:56:38 AM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 3:24:00 AM	67807
Surr: BFB	83.4	37.7-212		%Rec	1	6/2/2022 3:24:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 3:24:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 3:24:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 3:24:00 AM	67807
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 3:24:00 AM	67807
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	6/2/2022 3:24:00 AM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-101 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:20:00 PM

Lab ID: 2205D09-077

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	920	60		mg/Kg	20	6/3/2022 11:50:59 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	10	9.5		mg/Kg	1	6/1/2022 10:05:47 PM	67823
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/1/2022 10:05:47 PM	67823
Surr: DNOP	82.7	51.1-141		%Rec	1	6/1/2022 10:05:47 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 3:44:00 AM	67807
Surr: BFB	92.1	37.7-212		%Rec	1	6/2/2022 3:44:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 3:44:00 AM	67807
Toluene	ND	0.049		mg/Kg	1	6/2/2022 3:44:00 AM	67807
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 3:44:00 AM	67807
Xylenes, Total	ND	0.097		mg/Kg	1	6/2/2022 3:44:00 AM	67807
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	6/2/2022 3:44:00 AM	67807

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-102 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:25:00 PM

Lab ID: 2205D09-078

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	490	60		mg/Kg	20	6/4/2022 12:03:23 AM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	14	9.5		mg/Kg	1	6/1/2022 10:17:01 PM	67823
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/1/2022 10:17:01 PM	67823
Surr: DNOP	106	51.1-141		%Rec	1	6/1/2022 10:17:01 PM	67823
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 4:03:00 AM	67807
Surr: BFB	86.0	37.7-212		%Rec	1	6/2/2022 4:03:00 AM	67807
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 4:03:00 AM	67807
Toluene	ND	0.050		mg/Kg	1	6/2/2022 4:03:00 AM	67807
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 4:03:00 AM	67807
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 4:03:00 AM	67807
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	6/2/2022 4:03:00 AM	67807

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-103 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:30:00 PM

Lab ID: 2205D09-079

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/4/2022 12:15:47 AM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	81	9.5		mg/Kg	1	6/3/2022 12:00:51 PM	67824
Motor Oil Range Organics (MRO)	74	48		mg/Kg	1	6/3/2022 12:00:51 PM	67824
Surr: DNOP	86.3	51.1-141		%Rec	1	6/3/2022 12:00:51 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 10:39:11 AM	67809
Surr: BFB	89.4	37.7-212		%Rec	1	6/1/2022 10:39:11 AM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 10:39:11 AM	67809
Toluene	ND	0.049		mg/Kg	1	6/1/2022 10:39:11 AM	67809
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 10:39:11 AM	67809
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 10:39:11 AM	67809
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	6/1/2022 10:39:11 AM	67809

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-104 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:35:00 PM

Lab ID: 2205D09-080

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5800	300		mg/Kg	100	6/4/2022 6:36:42 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	47	9.4		mg/Kg	1	6/3/2022 12:33:26 PM	67824
Motor Oil Range Organics (MRO)	53	47		mg/Kg	1	6/3/2022 12:33:26 PM	67824
Surr: DNOP	81.6	51.1-141		%Rec	1	6/3/2022 12:33:26 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 11:49:43 AM	67809
Surr: BFB	97.1	37.7-212		%Rec	1	6/1/2022 11:49:43 AM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 11:49:43 AM	67809
Toluene	ND	0.049		mg/Kg	1	6/1/2022 11:49:43 AM	67809
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 11:49:43 AM	67809
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 11:49:43 AM	67809
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	6/1/2022 11:49:43 AM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-105 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:40:00 PM

Lab ID: 2205D09-081

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3300	300		mg/Kg	100	6/4/2022 7:13:54 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	280	9.4		mg/Kg	1	6/3/2022 12:44:23 PM	67824
Motor Oil Range Organics (MRO)	180	47		mg/Kg	1	6/3/2022 12:44:23 PM	67824
Surr: DNOP	89.7	51.1-141		%Rec	1	6/3/2022 12:44:23 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022 1:00:10 PM	67809
Surr: BFB	90.6	37.7-212		%Rec	1	6/1/2022 1:00:10 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	6/1/2022 1:00:10 PM	67809
Toluene	ND	0.047		mg/Kg	1	6/1/2022 1:00:10 PM	67809
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022 1:00:10 PM	67809
Xylenes, Total	ND	0.094		mg/Kg	1	6/1/2022 1:00:10 PM	67809
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	6/1/2022 1:00:10 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-106 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:45:00 PM

Lab ID: 2205D09-082

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	7500	300		mg/Kg	100	6/4/2022 7:26:18 PM	67890
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	53	9.1		mg/Kg	1	6/7/2022 12:00:02 AM	67824
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/7/2022 12:00:02 AM	67824
Surr: DNOP	91.8	51.1-141		%Rec	1	6/7/2022 12:00:02 AM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 1:23:40 PM	67809
Surr: BFB	93.9	37.7-212		%Rec	1	6/1/2022 1:23:40 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 1:23:40 PM	67809
Toluene	ND	0.049		mg/Kg	1	6/1/2022 1:23:40 PM	67809
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 1:23:40 PM	67809
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 1:23:40 PM	67809
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	6/1/2022 1:23:40 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-107 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:50:00 PM

Lab ID: 2205D09-083

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5500	300		mg/Kg	100	6/6/2022 11:44:57 AM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	25	9.9		mg/Kg	1	6/3/2022 1:06:12 PM	67824
Motor Oil Range Organics (MRO)	60	49		mg/Kg	1	6/3/2022 1:06:12 PM	67824
Surr: DNOP	78.6	51.1-141		%Rec	1	6/3/2022 1:06:12 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 1:47:07 PM	67809
Surr: BFB	93.7	37.7-212		%Rec	1	6/1/2022 1:47:07 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 1:47:07 PM	67809
Toluene	ND	0.049		mg/Kg	1	6/1/2022 1:47:07 PM	67809
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 1:47:07 PM	67809
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 1:47:07 PM	67809
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	6/1/2022 1:47:07 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-108 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 12:55:00 PM

Lab ID: 2205D09-084

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	100	60		mg/Kg	20	6/6/2022 5:44:45 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/3/2022 1:27:48 PM	67824
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 1:27:48 PM	67824
Surr: DNOP	93.8	51.1-141		%Rec	1	6/3/2022 1:27:48 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 2:10:42 PM	67809
Surr: BFB	97.0	37.7-212		%Rec	1	6/1/2022 2:10:42 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 2:10:42 PM	67809
Toluene	ND	0.050		mg/Kg	1	6/1/2022 2:10:42 PM	67809
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 2:10:42 PM	67809
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 2:10:42 PM	67809
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	6/1/2022 2:10:42 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-109 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:00:00 PM

Lab ID: 2205D09-085

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2000	150		mg/Kg	50	6/4/2022 10:45:16 AM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	6/3/2022 1:38:41 PM	67824
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/3/2022 1:38:41 PM	67824
Surr: DNOP	75.7	51.1-141		%Rec	1	6/3/2022 1:38:41 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 2:34:22 PM	67809
Surr: BFB	96.6	37.7-212		%Rec	1	6/1/2022 2:34:22 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 2:34:22 PM	67809
Toluene	ND	0.049		mg/Kg	1	6/1/2022 2:34:22 PM	67809
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 2:34:22 PM	67809
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 2:34:22 PM	67809
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	6/1/2022 2:34:22 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-110 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:05:00 PM

Lab ID: 2205D09-086

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	590	150		mg/Kg	50	6/4/2022 11:22:29 AM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	17	9.7		mg/Kg	1	6/3/2022 1:49:34 PM	67824
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 1:49:34 PM	67824
Surr: DNOP	109	51.1-141		%Rec	1	6/3/2022 1:49:34 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 2:57:57 PM	67809
Surr: BFB	95.8	37.7-212		%Rec	1	6/1/2022 2:57:57 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 2:57:57 PM	67809
Toluene	ND	0.048		mg/Kg	1	6/1/2022 2:57:57 PM	67809
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 2:57:57 PM	67809
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 2:57:57 PM	67809
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	6/1/2022 2:57:57 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-111 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:10:00 PM

Lab ID: 2205D09-087

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1100	150		mg/Kg	50	6/4/2022 11:59:42 AM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	14	9.6		mg/Kg	1	6/3/2022 2:00:25 PM	67824
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/3/2022 2:00:25 PM	67824
Surr: DNOP	92.4	51.1-141		%Rec	1	6/3/2022 2:00:25 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 3:21:33 PM	67809
Surr: BFB	97.6	37.7-212		%Rec	1	6/1/2022 3:21:33 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 3:21:33 PM	67809
Toluene	ND	0.048		mg/Kg	1	6/1/2022 3:21:33 PM	67809
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 3:21:33 PM	67809
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2022 3:21:33 PM	67809
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	6/1/2022 3:21:33 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-112 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:15:00 PM

Lab ID: 2205D09-088

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3800	150		mg/Kg	50	6/4/2022 12:12:06 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/3/2022 2:21:59 PM	67824
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 2:21:59 PM	67824
Surr: DNOP	101	51.1-141		%Rec	1	6/3/2022 2:21:59 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 3:45:09 PM	67809
Surr: BFB	94.8	37.7-212		%Rec	1	6/1/2022 3:45:09 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 3:45:09 PM	67809
Toluene	ND	0.048		mg/Kg	1	6/1/2022 3:45:09 PM	67809
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 3:45:09 PM	67809
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2022 3:45:09 PM	67809
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	6/1/2022 3:45:09 PM	67809

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-113 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:20:00 PM

Lab ID: 2205D09-089

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	5600	150		mg/Kg	50	6/4/2022 12:24:30 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	11	9.3		mg/Kg	1	6/3/2022 2:32:50 PM	67824
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 2:32:50 PM	67824
Surr: DNOP	99.8	51.1-141		%Rec	1	6/3/2022 2:32:50 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022 4:32:30 PM	67809
Surr: BFB	96.1	37.7-212		%Rec	1	6/1/2022 4:32:30 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 4:32:30 PM	67809
Toluene	ND	0.047		mg/Kg	1	6/1/2022 4:32:30 PM	67809
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022 4:32:30 PM	67809
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 4:32:30 PM	67809
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	6/1/2022 4:32:30 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-114 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:25:00 PM

Lab ID: 2205D09-090

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	770	150		mg/Kg	50	6/4/2022 12:36:55 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/3/2022 2:43:40 PM	67824
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 2:43:40 PM	67824
Surr: DNOP	74.0	51.1-141		%Rec	1	6/3/2022 2:43:40 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 4:56:17 PM	67809
Surr: BFB	94.0	37.7-212		%Rec	1	6/1/2022 4:56:17 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 4:56:17 PM	67809
Toluene	ND	0.050		mg/Kg	1	6/1/2022 4:56:17 PM	67809
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 4:56:17 PM	67809
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 4:56:17 PM	67809
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	6/1/2022 4:56:17 PM	67809

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-115 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:30:00 PM

Lab ID: 2205D09-091

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	640	150		mg/Kg	50	6/4/2022 12:49:19 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/3/2022 2:54:30 PM	67824
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 2:54:30 PM	67824
Surr: DNOP	71.5	51.1-141		%Rec	1	6/3/2022 2:54:30 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022 5:19:57 PM	67809
Surr: BFB	96.8	37.7-212		%Rec	1	6/1/2022 5:19:57 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 5:19:57 PM	67809
Toluene	ND	0.047		mg/Kg	1	6/1/2022 5:19:57 PM	67809
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022 5:19:57 PM	67809
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 5:19:57 PM	67809
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	6/1/2022 5:19:57 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-116 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:35:00 PM

Lab ID: 2205D09-092

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	220	150		mg/Kg	50	6/4/2022 1:01:43 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/3/2022 3:05:19 PM	67824
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 3:05:19 PM	67824
Surr: DNOP	78.7	51.1-141		%Rec	1	6/3/2022 3:05:19 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 5:43:38 PM	67809
Surr: BFB	98.1	37.7-212		%Rec	1	6/1/2022 5:43:38 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 5:43:38 PM	67809
Toluene	ND	0.050		mg/Kg	1	6/1/2022 5:43:38 PM	67809
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 5:43:38 PM	67809
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 5:43:38 PM	67809
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	6/1/2022 5:43:38 PM	67809

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-117 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:40:00 PM

Lab ID: 2205D09-093

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	180	150		mg/Kg	50	6/4/2022 1:14:08 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/3/2022 3:16:07 PM	67824
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 3:16:07 PM	67824
Surr: DNOP	78.1	51.1-141		%Rec	1	6/3/2022 3:16:07 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 6:07:14 PM	67809
Surr: BFB	94.6	37.7-212		%Rec	1	6/1/2022 6:07:14 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 6:07:14 PM	67809
Toluene	ND	0.049		mg/Kg	1	6/1/2022 6:07:14 PM	67809
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 6:07:14 PM	67809
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 6:07:14 PM	67809
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	6/1/2022 6:07:14 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-118 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:45:00 PM

Lab ID: 2205D09-094

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1700	150		mg/Kg	50	6/4/2022 1:26:32 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/3/2022 3:26:54 PM	67824
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/3/2022 3:26:54 PM	67824
Surr: DNOP	81.3	51.1-141		%Rec	1	6/3/2022 3:26:54 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 6:30:55 PM	67809
Surr: BFB	96.9	37.7-212		%Rec	1	6/1/2022 6:30:55 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 6:30:55 PM	67809
Toluene	ND	0.050		mg/Kg	1	6/1/2022 6:30:55 PM	67809
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 6:30:55 PM	67809
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2022 6:30:55 PM	67809
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	6/1/2022 6:30:55 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-119 4'

Project: Mallard HM Fee Battery

Collection Date: 5/24/2022 1:50:00 PM

Lab ID: 2205D09-095

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	190	150		mg/Kg	50	6/4/2022 1:38:56 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/3/2022 3:37:43 PM	67824
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 3:37:43 PM	67824
Surr: DNOP	80.6	51.1-141		%Rec	1	6/3/2022 3:37:43 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 6:54:31 PM	67809
Surr: BFB	96.2	37.7-212		%Rec	1	6/1/2022 6:54:31 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 6:54:31 PM	67809
Toluene	ND	0.049		mg/Kg	1	6/1/2022 6:54:31 PM	67809
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 6:54:31 PM	67809
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 6:54:31 PM	67809
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	6/1/2022 6:54:31 PM	67809

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-120 10'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:00:00 PM

Lab ID: 2205D09-096

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	150		mg/Kg	50	6/4/2022 2:16:09 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	79	9.5		mg/Kg	1	6/3/2022 3:59:15 PM	67824
Motor Oil Range Organics (MRO)	81	48		mg/Kg	1	6/3/2022 3:59:15 PM	67824
Surr: DNOP	91.4	51.1-141		%Rec	1	6/3/2022 3:59:15 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2022 7:18:08 PM	67809
Surr: BFB	98.4	37.7-212		%Rec	1	6/1/2022 7:18:08 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 7:18:08 PM	67809
Toluene	ND	0.050		mg/Kg	1	6/1/2022 7:18:08 PM	67809
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2022 7:18:08 PM	67809
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2022 7:18:08 PM	67809
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	6/1/2022 7:18:08 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-121 10'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:05:00 PM

Lab ID: 2205D09-097

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	580	150		mg/Kg	50	6/4/2022 2:28:34 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	46	9.5		mg/Kg	1	6/3/2022 4:10:02 PM	67824
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 4:10:02 PM	67824
Surr: DNOP	79.5	51.1-141		%Rec	1	6/3/2022 4:10:02 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/1/2022 7:41:40 PM	67809
Surr: BFB	94.1	37.7-212		%Rec	1	6/1/2022 7:41:40 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 7:41:40 PM	67809
Toluene	ND	0.047		mg/Kg	1	6/1/2022 7:41:40 PM	67809
Ethylbenzene	ND	0.047		mg/Kg	1	6/1/2022 7:41:40 PM	67809
Xylenes, Total	ND	0.095		mg/Kg	1	6/1/2022 7:41:40 PM	67809
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	6/1/2022 7:41:40 PM	67809

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-122 10'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:10:00 PM

Lab ID: 2205D09-098

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2800	150		mg/Kg	50	6/4/2022 2:40:58 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	53	9.6		mg/Kg	1	6/3/2022 4:20:46 PM	67824
Motor Oil Range Organics (MRO)	53	48		mg/Kg	1	6/3/2022 4:20:46 PM	67824
Surr: DNOP	106	51.1-141		%Rec	1	6/3/2022 4:20:46 PM	67824
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/1/2022 8:05:09 PM	67809
Surr: BFB	94.3	37.7-212		%Rec	1	6/1/2022 8:05:09 PM	67809
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 8:05:09 PM	67809
Toluene	ND	0.048		mg/Kg	1	6/1/2022 8:05:09 PM	67809
Ethylbenzene	ND	0.048		mg/Kg	1	6/1/2022 8:05:09 PM	67809
Xylenes, Total	ND	0.096		mg/Kg	1	6/1/2022 8:05:09 PM	67809
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	6/1/2022 8:05:09 PM	67809

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-123 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:00:00 AM

Lab ID: 2205D09-099

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	9600	300		mg/Kg	100	6/6/2022 11:57:21 AM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	51	9.8		mg/Kg	1	6/6/2022 11:36:12 PM	67829
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/6/2022 11:36:12 PM	67829
Surr: DNOP	101	51.1-141		%Rec	1	6/6/2022 11:36:12 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 10:25:52 PM	67812
Surr: BFB	89.0	37.7-212		%Rec	1	6/1/2022 10:25:52 PM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/1/2022 10:25:52 PM	67812
Toluene	ND	0.049		mg/Kg	1	6/1/2022 10:25:52 PM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 10:25:52 PM	67812
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 10:25:52 PM	67812
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	6/1/2022 10:25:52 PM	67812

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

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

Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-124 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:05:00 AM

Lab ID: 2205D09-100

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	150		mg/Kg	50	6/4/2022 3:05:47 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	200	9.4		mg/Kg	1	6/6/2022 10:24:34 PM	67829
Motor Oil Range Organics (MRO)	130	47		mg/Kg	1	6/6/2022 10:24:34 PM	67829
Surr: DNOP	90.4	51.1-141		%Rec	1	6/6/2022 10:24:34 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2022 11:36:24 PM	67812
Surr: BFB	96.8	37.7-212		%Rec	1	6/1/2022 11:36:24 PM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/1/2022 11:36:24 PM	67812
Toluene	ND	0.049		mg/Kg	1	6/1/2022 11:36:24 PM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2022 11:36:24 PM	67812
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2022 11:36:24 PM	67812
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	6/1/2022 11:36:24 PM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-125 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:10:00 AM

Lab ID: 2205D09-101

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	150		mg/Kg	50	6/4/2022 3:18:11 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	11	8.8		mg/Kg	1	6/6/2022 10:00:44 PM	67829
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/6/2022 10:00:44 PM	67829
Surr: DNOP	101	51.1-141		%Rec	1	6/6/2022 10:00:44 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 12:46:39 AM	67812
Surr: BFB	94.6	37.7-212		%Rec	1	6/2/2022 12:46:39 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 12:46:39 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 12:46:39 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 12:46:39 AM	67812
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 12:46:39 AM	67812
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	6/2/2022 12:46:39 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-126 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:15:00 AM

Lab ID: 2205D09-102

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	410	150		mg/Kg	50	6/4/2022 3:30:36 PM	67896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	40	9.4		mg/Kg	1	6/6/2022 9:36:57 PM	67829
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/6/2022 9:36:57 PM	67829
Surr: DNOP	97.9	51.1-141		%Rec	1	6/6/2022 9:36:57 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 1:10:02 AM	67812
Surr: BFB	93.5	37.7-212		%Rec	1	6/2/2022 1:10:02 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 1:10:02 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 1:10:02 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 1:10:02 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 1:10:02 AM	67812
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	6/2/2022 1:10:02 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-127 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:20:00 AM

Lab ID: 2205D09-103

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	740	150		mg/Kg	50	6/6/2022 12:09:45 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	19	9.9		mg/Kg	1	6/6/2022 9:13:05 PM	67829
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/6/2022 9:13:05 PM	67829
Surr: DNOP	102	51.1-141		%Rec	1	6/6/2022 9:13:05 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 1:33:28 AM	67812
Surr: BFB	95.3	37.7-212		%Rec	1	6/2/2022 1:33:28 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 1:33:28 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 1:33:28 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 1:33:28 AM	67812
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 1:33:28 AM	67812
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	6/2/2022 1:33:28 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-128 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:25:00 AM

Lab ID: 2205D09-104

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2800	150		mg/Kg	50	6/6/2022 12:22:09 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	83	9.4		mg/Kg	1	6/6/2022 8:49:15 PM	67829
Motor Oil Range Organics (MRO)	49	47		mg/Kg	1	6/6/2022 8:49:15 PM	67829
Surr: DNOP	84.1	51.1-141		%Rec	1	6/6/2022 8:49:15 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 1:56:56 AM	67812
Surr: BFB	92.8	37.7-212		%Rec	1	6/2/2022 1:56:56 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 1:56:56 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 1:56:56 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 1:56:56 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 1:56:56 AM	67812
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	6/2/2022 1:56:56 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-129 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:30:00 AM

Lab ID: 2205D09-105

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3200	150		mg/Kg	50	6/6/2022 12:59:22 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	14	9.6		mg/Kg	1	6/6/2022 8:25:24 PM	67829
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/6/2022 8:25:24 PM	67829
Surr: DNOP	95.4	51.1-141		%Rec	1	6/6/2022 8:25:24 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 2:20:23 AM	67812
Surr: BFB	91.5	37.7-212		%Rec	1	6/2/2022 2:20:23 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:20:23 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 2:20:23 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 2:20:23 AM	67812
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 2:20:23 AM	67812
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	6/2/2022 2:20:23 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-130 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:35:00 AM

Lab ID: 2205D09-106

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1300	150		mg/Kg	50	6/6/2022 1:36:35 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	17	9.5		mg/Kg	1	6/6/2022 8:01:22 PM	67829
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/6/2022 8:01:22 PM	67829
Surr: DNOP	94.4	51.1-141		%Rec	1	6/6/2022 8:01:22 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 2:43:53 AM	67812
Surr: BFB	94.1	37.7-212		%Rec	1	6/2/2022 2:43:53 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:43:53 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 2:43:53 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 2:43:53 AM	67812
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 2:43:53 AM	67812
Surr: 4-Bromofluorobenzene	93.5	70-130		%Rec	1	6/2/2022 2:43:53 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-131 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:40:00 AM

Lab ID: 2205D09-107

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1200	150		mg/Kg	50	6/6/2022 1:49:00 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/6/2022 7:37:30 PM	67829
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/6/2022 7:37:30 PM	67829
Surr: DNOP	89.1	51.1-141		%Rec	1	6/6/2022 7:37:30 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 3:07:27 AM	67812
Surr: BFB	93.6	37.7-212		%Rec	1	6/2/2022 3:07:27 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 3:07:27 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 3:07:27 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 3:07:27 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 3:07:27 AM	67812
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	6/2/2022 3:07:27 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-132 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 8:45:00 AM

Lab ID: 2205D09-108

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1200	150		mg/Kg	50	6/6/2022 2:01:25 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	85	9.9		mg/Kg	1	6/6/2022 7:13:39 PM	67829
Motor Oil Range Organics (MRO)	77	50		mg/Kg	1	6/6/2022 7:13:39 PM	67829
Surr: DNOP	109	51.1-141		%Rec	1	6/6/2022 7:13:39 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 3:30:58 AM	67812
Surr: BFB	91.9	37.7-212		%Rec	1	6/2/2022 3:30:58 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 3:30:58 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 3:30:58 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 3:30:58 AM	67812
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 3:30:58 AM	67812
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	6/2/2022 3:30:58 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-133 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:50:00 AM

Lab ID: 2205D09-109

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	410	150		mg/Kg	50	6/6/2022 2:38:38 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	33	9.2		mg/Kg	1	6/6/2022 6:49:42 PM	67829
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/6/2022 6:49:42 PM	67829
Surr: DNOP	93.2	51.1-141		%Rec	1	6/6/2022 6:49:42 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 4:17:56 AM	67812
Surr: BFB	92.3	37.7-212		%Rec	1	6/2/2022 4:17:56 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 4:17:56 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 4:17:56 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 4:17:56 AM	67812
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 4:17:56 AM	67812
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	6/2/2022 4:17:56 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-134 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:55:00 AM

Lab ID: 2205D09-110

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1900	150		mg/Kg	50	6/6/2022 2:51:02 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	97	9.2		mg/Kg	1	6/6/2022 6:25:40 PM	67829
Motor Oil Range Organics (MRO)	60	46		mg/Kg	1	6/6/2022 6:25:40 PM	67829
Surr: DNOP	104	51.1-141		%Rec	1	6/6/2022 6:25:40 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 4:41:29 AM	67812
Surr: BFB	91.7	37.7-212		%Rec	1	6/2/2022 4:41:29 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/2/2022 4:41:29 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 4:41:29 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 4:41:29 AM	67812
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 4:41:29 AM	67812
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	6/2/2022 4:41:29 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-135 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:00:00 AM

Lab ID: 2205D09-111

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3500	150		mg/Kg	50	6/6/2022 3:03:27 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/6/2022 6:01:49 PM	67829
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/6/2022 6:01:49 PM	67829
Surr: DNOP	101	51.1-141		%Rec	1	6/6/2022 6:01:49 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 5:05:10 AM	67812
Surr: BFB	93.7	37.7-212		%Rec	1	6/2/2022 5:05:10 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 5:05:10 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 5:05:10 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 5:05:10 AM	67812
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 5:05:10 AM	67812
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	6/2/2022 5:05:10 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-136 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:05:00 AM

Lab ID: 2205D09-112

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1100	150		mg/Kg	50	6/6/2022 3:15:51 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/6/2022 5:37:59 PM	67829
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/6/2022 5:37:59 PM	67829
Surr: DNOP	104	51.1-141		%Rec	1	6/6/2022 5:37:59 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 5:28:43 AM	67812
Surr: BFB	93.2	37.7-212		%Rec	1	6/2/2022 5:28:43 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 5:28:43 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 5:28:43 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 5:28:43 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 5:28:43 AM	67812
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	6/2/2022 5:28:43 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-137 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:10:00 AM

Lab ID: 2205D09-113

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	840	150		mg/Kg	50	6/6/2022 3:28:16 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/6/2022 5:13:03 PM	67829
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/6/2022 5:13:03 PM	67829
Surr: DNOP	84.2	51.1-141		%Rec	1	6/6/2022 5:13:03 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 5:52:20 AM	67812
Surr: BFB	92.0	37.7-212		%Rec	1	6/2/2022 5:52:20 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 5:52:20 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 5:52:20 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 5:52:20 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 5:52:20 AM	67812
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	6/2/2022 5:52:20 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-138 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:15:00 AM

Lab ID: 2205D09-114

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	840	150		mg/Kg	50	6/6/2022 4:05:29 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	16	9.6		mg/Kg	1	6/6/2022 4:49:12 PM	67829
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/6/2022 4:49:12 PM	67829
Surr: DNOP	98.3	51.1-141		%Rec	1	6/6/2022 4:49:12 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 6:15:56 AM	67812
Surr: BFB	91.6	37.7-212		%Rec	1	6/2/2022 6:15:56 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 6:15:56 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 6:15:56 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 6:15:56 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 6:15:56 AM	67812
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	6/2/2022 6:15:56 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-139 16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:20:00 AM

Lab ID: 2205D09-115

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	560	150		mg/Kg	50	6/6/2022 4:17:54 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	11	9.3		mg/Kg	1	6/6/2022 4:25:22 PM	67829
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/6/2022 4:25:22 PM	67829
Surr: DNOP	96.7	51.1-141		%Rec	1	6/6/2022 4:25:22 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 6:39:30 AM	67812
Surr: BFB	92.3	37.7-212		%Rec	1	6/2/2022 6:39:30 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 6:39:30 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 6:39:30 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 6:39:30 AM	67812
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 6:39:30 AM	67812
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	6/2/2022 6:39:30 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BS22-140 8'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 2:00:00 PM

Lab ID: 2205D09-116

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1800	150		mg/Kg	50	6/6/2022 4:30:18 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/6/2022 4:01:34 PM	67829
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/6/2022 4:01:34 PM	67829
Surr: DNOP	106	51.1-141		%Rec	1	6/6/2022 4:01:34 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 7:03:01 AM	67812
Surr: BFB	92.5	37.7-212		%Rec	1	6/2/2022 7:03:01 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 7:03:01 AM	67812
Toluene	ND	0.049		mg/Kg	1	6/2/2022 7:03:01 AM	67812
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 7:03:01 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 7:03:01 AM	67812
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	6/2/2022 7:03:01 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-25 4-7'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:15:00 PM

Lab ID: 2205D09-117

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3100	150		mg/Kg	50	6/6/2022 4:42:43 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	33	9.2		mg/Kg	1	6/6/2022 3:37:41 PM	67829
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/6/2022 3:37:41 PM	67829
Surr: DNOP	109	51.1-141		%Rec	1	6/6/2022 3:37:41 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 7:26:36 AM	67812
Surr: BFB	92.3	37.7-212		%Rec	1	6/2/2022 7:26:36 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 7:26:36 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 7:26:36 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 7:26:36 AM	67812
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 7:26:36 AM	67812
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	6/2/2022 7:26:36 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-25 7-10'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:20:00 PM

Lab ID: 2205D09-118

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1600	150		mg/Kg	50	6/6/2022 4:55:07 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	14	9.9		mg/Kg	1	6/6/2022 3:13:49 PM	67829
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/6/2022 3:13:49 PM	67829
Surr: DNOP	111	51.1-141		%Rec	1	6/6/2022 3:13:49 PM	67829
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 7:50:12 AM	67812
Surr: BFB	96.2	37.7-212		%Rec	1	6/2/2022 7:50:12 AM	67812
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/2/2022 7:50:12 AM	67812
Toluene	ND	0.050		mg/Kg	1	6/2/2022 7:50:12 AM	67812
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 7:50:12 AM	67812
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 7:50:12 AM	67812
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	6/2/2022 7:50:12 AM	67812

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-26 4-7'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:25:00 PM

Lab ID: 2205D09-119

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1300	150		mg/Kg	50	6/6/2022 5:07:32 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/3/2022 6:56:05 PM	67864
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 6:56:05 PM	67864
Surr: DNOP	94.3	51.1-141		%Rec	1	6/3/2022 6:56:05 PM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 10:59:00 AM	67828
Surr: BFB	86.9	37.7-212		%Rec	1	6/2/2022 10:59:00 AM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 10:59:00 AM	67828
Toluene	ND	0.050		mg/Kg	1	6/2/2022 10:59:00 AM	67828
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 10:59:00 AM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 10:59:00 AM	67828
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	6/2/2022 10:59:00 AM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-26 7-10'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:30:00 PM

Lab ID: 2205D09-120

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	340	150		mg/Kg	50	6/6/2022 5:19:56 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/3/2022 10:53:46 PM	67864
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/3/2022 10:53:46 PM	67864
Surr: DNOP	127	51.1-141		%Rec	1	6/3/2022 10:53:46 PM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 11:58:00 AM	67828
Surr: BFB	87.9	37.7-212		%Rec	1	6/2/2022 11:58:00 AM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 11:58:00 AM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 11:58:00 AM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 11:58:00 AM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 11:58:00 AM	67828
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	6/2/2022 11:58:00 AM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-27 4-7'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:35:00 PM

Lab ID: 2205D09-121

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1200	150		mg/Kg	50	6/6/2022 5:32:20 PM	67911
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	48	9.9		mg/Kg	1	6/3/2022 11:17:26 PM	67864
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 11:17:26 PM	67864
Surr: DNOP	121	51.1-141		%Rec	1	6/3/2022 11:17:26 PM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 12:57:00 PM	67828
Surr: BFB	84.4	37.7-212		%Rec	1	6/2/2022 12:57:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 12:57:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 12:57:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 12:57:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 12:57:00 PM	67828
Surr: 4-Bromofluorobenzene	84.3	70-130		%Rec	1	6/2/2022 12:57:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-27 7-10'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:40:00 PM

Lab ID: 2205D09-122

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1100	150		mg/Kg	50	6/6/2022 6:18:04 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/3/2022 11:41:15 PM	67864
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 11:41:15 PM	67864
Surr: DNOP	123	51.1-141		%Rec	1	6/3/2022 11:41:15 PM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 1:17:00 PM	67828
Surr: BFB	82.1	37.7-212		%Rec	1	6/2/2022 1:17:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 1:17:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 1:17:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 1:17:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 1:17:00 PM	67828
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	6/2/2022 1:17:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-28 4-7'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:45:00 PM

Lab ID: 2205D09-123

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2300	150		mg/Kg	50	6/6/2022 6:30:25 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/4/2022 12:04:55 AM	67864
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/4/2022 12:04:55 AM	67864
Surr: DNOP	117	51.1-141		%Rec	1	6/4/2022 12:04:55 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 1:36:00 PM	67828
Surr: BFB	84.6	37.7-212		%Rec	1	6/2/2022 1:36:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	6/2/2022 1:36:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 1:36:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 1:36:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 1:36:00 PM	67828
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	6/2/2022 1:36:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-28 7-10'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 1:50:00 PM

Lab ID: 2205D09-124

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	3500	150		mg/Kg	50	6/6/2022 6:42:46 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	31	10		mg/Kg	1	6/4/2022 12:28:36 AM	67864
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/4/2022 12:28:36 AM	67864
Surr: DNOP	114	51.1-141		%Rec	1	6/4/2022 12:28:36 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 1:56:00 PM	67828
Surr: BFB	87.2	37.7-212		%Rec	1	6/2/2022 1:56:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	6/2/2022 1:56:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 1:56:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 1:56:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 1:56:00 PM	67828
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	6/2/2022 1:56:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-29 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:25:00 AM

Lab ID: 2205D09-125

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	750	150		mg/Kg	50	6/6/2022 6:55:07 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	61	10		mg/Kg	1	6/4/2022 12:52:18 AM	67864
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/4/2022 12:52:18 AM	67864
Surr: DNOP	100	51.1-141		%Rec	1	6/4/2022 12:52:18 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 2:16:00 PM	67828
Surr: BFB	86.4	37.7-212		%Rec	1	6/2/2022 2:16:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:16:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 2:16:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 2:16:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 2:16:00 PM	67828
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	6/2/2022 2:16:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-29 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:30:00 AM

Lab ID: 2205D09-126

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	130	60		mg/Kg	20	6/7/2022 10:38:53 AM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/4/2022 1:15:58 AM	67864
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/4/2022 1:15:58 AM	67864
Surr: DNOP	105	51.1-141		%Rec	1	6/4/2022 1:15:58 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 2:35:00 PM	67828
Surr: BFB	84.9	37.7-212		%Rec	1	6/2/2022 2:35:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:35:00 PM	67828
Toluene	ND	0.050		mg/Kg	1	6/2/2022 2:35:00 PM	67828
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 2:35:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 2:35:00 PM	67828
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	6/2/2022 2:35:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-29 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:35:00 AM

Lab ID: 2205D09-127

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	2400	150		mg/Kg	50	6/6/2022 7:44:28 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	59	9.8		mg/Kg	1	6/4/2022 1:39:38 AM	67864
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/4/2022 1:39:38 AM	67864
Surr: DNOP	105	51.1-141		%Rec	1	6/4/2022 1:39:38 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 2:55:00 PM	67828
Surr: BFB	89.8	37.7-212		%Rec	1	6/2/2022 2:55:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 2:55:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 2:55:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 2:55:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 2:55:00 PM	67828
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	6/2/2022 2:55:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-30 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:40:00 AM

Lab ID: 2205D09-128

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1700	150		mg/Kg	50	6/6/2022 8:21:29 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	31	9.6		mg/Kg	1	6/4/2022 2:03:19 AM	67864
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/4/2022 2:03:19 AM	67864
Surr: DNOP	112	51.1-141		%Rec	1	6/4/2022 2:03:19 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 3:15:00 PM	67828
Surr: BFB	87.7	37.7-212		%Rec	1	6/2/2022 3:15:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 3:15:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 3:15:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 3:15:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 3:15:00 PM	67828
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	6/2/2022 3:15:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-30 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:45:00 AM

Lab ID: 2205D09-129

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	430	150		mg/Kg	50	6/6/2022 8:58:32 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/4/2022 2:27:02 AM	67864
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/4/2022 2:27:02 AM	67864
Surr: DNOP	119	51.1-141		%Rec	1	6/4/2022 2:27:02 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 3:54:00 PM	67828
Surr: BFB	83.5	37.7-212		%Rec	1	6/2/2022 3:54:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 3:54:00 PM	67828
Toluene	ND	0.050		mg/Kg	1	6/2/2022 3:54:00 PM	67828
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 3:54:00 PM	67828
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 3:54:00 PM	67828
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	6/2/2022 3:54:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-30 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:50:00 AM

Lab ID: 2205D09-130

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1300	150		mg/Kg	50	6/6/2022 9:10:53 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	200	9.7		mg/Kg	1	6/4/2022 2:50:44 AM	67864
Motor Oil Range Organics (MRO)	110	48		mg/Kg	1	6/4/2022 2:50:44 AM	67864
Surr: DNOP	99.0	51.1-141		%Rec	1	6/4/2022 2:50:44 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 4:14:00 PM	67828
Surr: BFB	83.0	37.7-212		%Rec	1	6/2/2022 4:14:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 4:14:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 4:14:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 4:14:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 4:14:00 PM	67828
Surr: 4-Bromofluorobenzene	84.3	70-130		%Rec	1	6/2/2022 4:14:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-31 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 9:55:00 AM

Lab ID: 2205D09-131

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1900	150		mg/Kg	50	6/6/2022 9:23:13 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	20	10		mg/Kg	1	6/4/2022 3:14:25 AM	67864
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/4/2022 3:14:25 AM	67864
Surr: DNOP	123	51.1-141		%Rec	1	6/4/2022 3:14:25 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 4:34:00 PM	67828
Surr: BFB	86.2	37.7-212		%Rec	1	6/2/2022 4:34:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 4:34:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 4:34:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 4:34:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 4:34:00 PM	67828
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	6/2/2022 4:34:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-31 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:00:00 AM

Lab ID: 2205D09-132

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	410	150		mg/Kg	50	6/6/2022 9:35:34 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/4/2022 3:38:05 AM	67864
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/4/2022 3:38:05 AM	67864
Surr: DNOP	117	51.1-141		%Rec	1	6/4/2022 3:38:05 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 4:53:00 PM	67828
Surr: BFB	83.7	37.7-212		%Rec	1	6/2/2022 4:53:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 4:53:00 PM	67828
Toluene	ND	0.050		mg/Kg	1	6/2/2022 4:53:00 PM	67828
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 4:53:00 PM	67828
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 4:53:00 PM	67828
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	6/2/2022 4:53:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-31 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:05:00 AM

Lab ID: 2205D09-133

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	400	150		mg/Kg	50	6/6/2022 9:47:55 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	29	10		mg/Kg	1	6/4/2022 4:01:46 AM	67864
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/4/2022 4:01:46 AM	67864
Surr: DNOP	120	51.1-141		%Rec	1	6/4/2022 4:01:46 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 5:13:00 PM	67828
Surr: BFB	87.3	37.7-212		%Rec	1	6/2/2022 5:13:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	6/2/2022 5:13:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 5:13:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 5:13:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 5:13:00 PM	67828
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	6/2/2022 5:13:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-32 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:10:00 AM

Lab ID: 2205D09-134

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1900	150		mg/Kg	50	6/6/2022 10:00:16 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	10	9.4		mg/Kg	1	6/4/2022 4:25:29 AM	67864
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/4/2022 4:25:29 AM	67864
Surr: DNOP	116	51.1-141		%Rec	1	6/4/2022 4:25:29 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 5:33:00 PM	67828
Surr: BFB	87.0	37.7-212		%Rec	1	6/2/2022 5:33:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	6/2/2022 5:33:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 5:33:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 5:33:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 5:33:00 PM	67828
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	6/2/2022 5:33:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-32 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:15:00 AM

Lab ID: 2205D09-135

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1400	150		mg/Kg	50	6/6/2022 10:12:37 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/4/2022 4:49:09 AM	67864
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/4/2022 4:49:09 AM	67864
Surr: DNOP	105	51.1-141		%Rec	1	6/4/2022 4:49:09 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 5:52:00 PM	67828
Surr: BFB	84.9	37.7-212		%Rec	1	6/2/2022 5:52:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 5:52:00 PM	67828
Toluene	ND	0.050		mg/Kg	1	6/2/2022 5:52:00 PM	67828
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 5:52:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 5:52:00 PM	67828
Surr: 4-Bromofluorobenzene	86.1	70-130		%Rec	1	6/2/2022 5:52:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-32 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:20:00 AM

Lab ID: 2205D09-136

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1300	150		mg/Kg	50	6/6/2022 10:49:40 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	15	9.0		mg/Kg	1	6/4/2022 5:12:54 AM	67864
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/4/2022 5:12:54 AM	67864
Surr: DNOP	87.6	51.1-141		%Rec	1	6/4/2022 5:12:54 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 6:12:00 PM	67828
Surr: BFB	84.1	37.7-212		%Rec	1	6/2/2022 6:12:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 6:12:00 PM	67828
Toluene	ND	0.050		mg/Kg	1	6/2/2022 6:12:00 PM	67828
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 6:12:00 PM	67828
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 6:12:00 PM	67828
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	6/2/2022 6:12:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-33 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:25:00 AM

Lab ID: 2205D09-137

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1100	150		mg/Kg	50	6/6/2022 11:02:02 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	34	9.7		mg/Kg	1	6/4/2022 5:36:35 AM	67864
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/4/2022 5:36:35 AM	67864
Surr: DNOP	120	51.1-141		%Rec	1	6/4/2022 5:36:35 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 6:32:00 PM	67828
Surr: BFB	84.7	37.7-212		%Rec	1	6/2/2022 6:32:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	6/2/2022 6:32:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 6:32:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 6:32:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 6:32:00 PM	67828
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	6/2/2022 6:32:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-33 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:30:00 AM

Lab ID: 2205D09-138

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1700	150		mg/Kg	50	6/6/2022 11:14:23 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	20	9.7		mg/Kg	1	6/4/2022 6:00:15 AM	67864
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/4/2022 6:00:15 AM	67864
Surr: DNOP	125	51.1-141		%Rec	1	6/4/2022 6:00:15 AM	67864
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 6:51:00 PM	67828
Surr: BFB	82.2	37.7-212		%Rec	1	6/2/2022 6:51:00 PM	67828
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	6/2/2022 6:51:00 PM	67828
Toluene	ND	0.049		mg/Kg	1	6/2/2022 6:51:00 PM	67828
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 6:51:00 PM	67828
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 6:51:00 PM	67828
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	6/2/2022 6:51:00 PM	67828

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-33 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:35:00 AM

Lab ID: 2205D09-139

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1400	150		mg/Kg	50	6/6/2022 11:26:44 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/2/2022 4:46:53 PM	67844
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/2/2022 4:46:53 PM	67844
Surr: DNOP	69.4	51.1-141		%Rec	1	6/2/2022 4:46:53 PM	67844
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 8:49:00 PM	67831
Surr: BFB	83.9	37.7-212		%Rec	1	6/2/2022 8:49:00 PM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 8:49:00 PM	67831
Toluene	ND	0.050		mg/Kg	1	6/2/2022 8:49:00 PM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 8:49:00 PM	67831
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 8:49:00 PM	67831
Surr: 4-Bromofluorobenzene	83.9	70-130		%Rec	1	6/2/2022 8:49:00 PM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-34 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:40:00 AM

Lab ID: 2205D09-140

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1700	150		mg/Kg	50	6/6/2022 11:39:05 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	39	9.8		mg/Kg	1	6/2/2022 5:11:10 PM	67844
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/2/2022 5:11:10 PM	67844
Surr: DNOP	92.0	51.1-141		%Rec	1	6/2/2022 5:11:10 PM	67844
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 9:48:00 PM	67831
Surr: BFB	89.9	37.7-212		%Rec	1	6/2/2022 9:48:00 PM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 9:48:00 PM	67831
Toluene	ND	0.049		mg/Kg	1	6/2/2022 9:48:00 PM	67831
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 9:48:00 PM	67831
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 9:48:00 PM	67831
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	6/2/2022 9:48:00 PM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-34 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:45:00 AM

Lab ID: 2205D09-141

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1500	150		mg/Kg	50	6/6/2022 11:51:26 PM	67916
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/2/2022 5:35:33 PM	67844
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/2/2022 5:35:33 PM	67844
Surr: DNOP	86.7	51.1-141		%Rec	1	6/2/2022 5:35:33 PM	67844
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 10:47:00 PM	67831
Surr: BFB	81.7	37.7-212		%Rec	1	6/2/2022 10:47:00 PM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 10:47:00 PM	67831
Toluene	ND	0.050		mg/Kg	1	6/2/2022 10:47:00 PM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 10:47:00 PM	67831
Xylenes, Total	ND	0.099		mg/Kg	1	6/2/2022 10:47:00 PM	67831
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	6/2/2022 10:47:00 PM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-34 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:50:00 AM

Lab ID: 2205D09-142

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1400	150		mg/Kg	50	6/6/2022 6:46:46 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	260	9.6		mg/Kg	1	6/2/2022 5:59:59 PM	67844
Motor Oil Range Organics (MRO)	230	48		mg/Kg	1	6/2/2022 5:59:59 PM	67844
Surr: DNOP	86.3	51.1-141		%Rec	1	6/2/2022 5:59:59 PM	67844
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 11:06:00 PM	67831
Surr: BFB	85.5	37.7-212		%Rec	1	6/2/2022 11:06:00 PM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 11:06:00 PM	67831
Toluene	ND	0.050		mg/Kg	1	6/2/2022 11:06:00 PM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 11:06:00 PM	67831
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 11:06:00 PM	67831
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	6/2/2022 11:06:00 PM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-35 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 10:55:00 AM

Lab ID: 2205D09-143

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1500	150		mg/Kg	50	6/6/2022 7:24:00 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	35	9.1		mg/Kg	1	6/2/2022 6:48:56 PM	67844
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/2/2022 6:48:56 PM	67844
Surr: DNOP	97.6	51.1-141		%Rec	1	6/2/2022 6:48:56 PM	67844
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/2/2022 11:26:00 PM	67831
Surr: BFB	85.0	37.7-212		%Rec	1	6/2/2022 11:26:00 PM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 11:26:00 PM	67831
Toluene	ND	0.049		mg/Kg	1	6/2/2022 11:26:00 PM	67831
Ethylbenzene	ND	0.049		mg/Kg	1	6/2/2022 11:26:00 PM	67831
Xylenes, Total	ND	0.098		mg/Kg	1	6/2/2022 11:26:00 PM	67831
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	6/2/2022 11:26:00 PM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-35 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 11:00:00 AM

Lab ID: 2205D09-144

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1100	150		mg/Kg	50	6/6/2022 8:01:14 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/2/2022 7:13:29 PM	67844
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/2/2022 7:13:29 PM	67844
Surr: DNOP	86.1	51.1-141		%Rec	1	6/2/2022 7:13:29 PM	67844
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/2/2022 11:46:00 PM	67831
Surr: BFB	84.8	37.7-212		%Rec	1	6/2/2022 11:46:00 PM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/2/2022 11:46:00 PM	67831
Toluene	ND	0.050		mg/Kg	1	6/2/2022 11:46:00 PM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/2/2022 11:46:00 PM	67831
Xylenes, Total	ND	0.10		mg/Kg	1	6/2/2022 11:46:00 PM	67831
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	6/2/2022 11:46:00 PM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-35 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 11:05:00 AM

Lab ID: 2205D09-145

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	580	150		mg/Kg	50	6/6/2022 8:13:38 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	17	9.8		mg/Kg	1	6/3/2022 10:34:56 AM	67852
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 10:34:56 AM	67852
Surr: DNOP	88.0	51.1-141		%Rec	1	6/3/2022 10:34:56 AM	67852
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2022 12:05:00 AM	67831
Surr: BFB	85.6	37.7-212		%Rec	1	6/3/2022 12:05:00 AM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/3/2022 12:05:00 AM	67831
Toluene	ND	0.050		mg/Kg	1	6/3/2022 12:05:00 AM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2022 12:05:00 AM	67831
Xylenes, Total	ND	0.10		mg/Kg	1	6/3/2022 12:05:00 AM	67831
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	6/3/2022 12:05:00 AM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-36 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 11:10:00 AM

Lab ID: 2205D09-146

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1900	150		mg/Kg	50	6/6/2022 8:50:52 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	8.7		mg/Kg	1	6/3/2022 11:07:03 AM	67852
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/3/2022 11:07:03 AM	67852
Surr: DNOP	120	51.1-141		%Rec	1	6/3/2022 11:07:03 AM	67852
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2022 12:25:00 AM	67831
Surr: BFB	88.6	37.7-212		%Rec	1	6/3/2022 12:25:00 AM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/3/2022 12:25:00 AM	67831
Toluene	ND	0.050		mg/Kg	1	6/3/2022 12:25:00 AM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2022 12:25:00 AM	67831
Xylenes, Total	ND	0.099		mg/Kg	1	6/3/2022 12:25:00 AM	67831
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	6/3/2022 12:25:00 AM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-36 8-12'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 11:15:00 AM

Lab ID: 2205D09-147

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2200	150		mg/Kg	50	6/6/2022 9:03:16 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/3/2022 11:17:48 AM	67852
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 11:17:48 AM	67852
Surr: DNOP	92.8	51.1-141		%Rec	1	6/3/2022 11:17:48 AM	67852
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2022 12:45:00 AM	67831
Surr: BFB	89.6	37.7-212		%Rec	1	6/3/2022 12:45:00 AM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/3/2022 12:45:00 AM	67831
Toluene	ND	0.050		mg/Kg	1	6/3/2022 12:45:00 AM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2022 12:45:00 AM	67831
Xylenes, Total	ND	0.10		mg/Kg	1	6/3/2022 12:45:00 AM	67831
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	6/3/2022 12:45:00 AM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-36 12-16'

Project: Mallard HM Fee Battery

Collection Date: 5/26/2022 11:20:00 AM

Lab ID: 2205D09-148

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	810	150		mg/Kg	50	6/6/2022 9:15:41 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	20	9.5		mg/Kg	1	6/3/2022 11:28:32 AM	67852
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/3/2022 11:28:32 AM	67852
Surr: DNOP	126	51.1-141		%Rec	1	6/3/2022 11:28:32 AM	67852
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2022 1:04:00 AM	67831
Surr: BFB	85.5	37.7-212		%Rec	1	6/3/2022 1:04:00 AM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/3/2022 1:04:00 AM	67831
Toluene	ND	0.050		mg/Kg	1	6/3/2022 1:04:00 AM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2022 1:04:00 AM	67831
Xylenes, Total	ND	0.099		mg/Kg	1	6/3/2022 1:04:00 AM	67831
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	6/3/2022 1:04:00 AM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-37 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 2:05:00 PM

Lab ID: 2205D09-149

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2300	150		mg/Kg	50	6/6/2022 9:28:05 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	25	9.5		mg/Kg	1	6/3/2022 11:39:18 AM	67852
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/3/2022 11:39:18 AM	67852
Surr: DNOP	116	51.1-141		%Rec	1	6/3/2022 11:39:18 AM	67852
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2022 1:44:00 AM	67831
Surr: BFB	87.6	37.7-212		%Rec	1	6/3/2022 1:44:00 AM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/3/2022 1:44:00 AM	67831
Toluene	ND	0.050		mg/Kg	1	6/3/2022 1:44:00 AM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2022 1:44:00 AM	67831
Xylenes, Total	ND	0.10		mg/Kg	1	6/3/2022 1:44:00 AM	67831
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	6/3/2022 1:44:00 AM	67831

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

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

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Analytical Report

Lab Order 2205D09

Date Reported: 6/9/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WS22-38 4-8'

Project: Mallard HM Fee Battery

Collection Date: 5/25/2022 2:10:00 PM

Lab ID: 2205D09-150

Matrix: SOIL

Received Date: 5/28/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2400	150		mg/Kg	50	6/6/2022 9:40:30 PM	67923
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	56	9.8		mg/Kg	1	6/3/2022 11:50:04 AM	67852
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/3/2022 11:50:04 AM	67852
Surr: DNOP	106	51.1-141		%Rec	1	6/3/2022 11:50:04 AM	67852
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2022 2:03:00 AM	67831
Surr: BFB	84.8	37.7-212		%Rec	1	6/3/2022 2:03:00 AM	67831
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	6/3/2022 2:03:00 AM	67831
Toluene	ND	0.050		mg/Kg	1	6/3/2022 2:03:00 AM	67831
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2022 2:03:00 AM	67831
Xylenes, Total	ND	0.10		mg/Kg	1	6/3/2022 2:03:00 AM	67831
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	6/3/2022 2:03:00 AM	67831

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

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: LCS-67872	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 67872			RunNo: 88449						
Prep Date: 6/2/2022	Analysis Date: 6/2/2022			SeqNo: 3138047		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Sample ID: MB-67877	SampType: mblk			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 67877			RunNo: 88479						
Prep Date: 6/3/2022	Analysis Date: 6/3/2022			SeqNo: 3138978		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67877	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 67877			RunNo: 88479						
Prep Date: 6/3/2022	Analysis Date: 6/3/2022			SeqNo: 3138979		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			

Sample ID: MB-67884	SampType: mblk			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 67884			RunNo: 88479						
Prep Date: 6/3/2022	Analysis Date: 6/3/2022			SeqNo: 3139008		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67884	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 67884			RunNo: 88479						
Prep Date: 6/3/2022	Analysis Date: 6/3/2022			SeqNo: 3139009		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			

Sample ID: MB-67883	SampType: mblk			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 67883			RunNo: 88489						
Prep Date: 6/3/2022	Analysis Date: 6/3/2022			SeqNo: 3139448		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

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

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

WO#: 2205D09

09-Jun-22

Client: EOG
Project: Mallard HM Fee Battery

Sample ID: LCS-67883	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 67883	RunNo: 88489								
Prep Date: 6/3/2022	Analysis Date: 6/3/2022	SeqNo: 3139449	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.5	90	110			

Sample ID: MB-67890	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 67890	RunNo: 88489								
Prep Date: 6/3/2022	Analysis Date: 6/3/2022	SeqNo: 3139481	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67890	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 67890	RunNo: 88489								
Prep Date: 6/3/2022	Analysis Date: 6/3/2022	SeqNo: 3139482	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	90	110			

Sample ID: MB-67896	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 67896	RunNo: 88492								
Prep Date: 6/4/2022	Analysis Date: 6/4/2022	SeqNo: 3139610	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67896	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 67896	RunNo: 88492								
Prep Date: 6/4/2022	Analysis Date: 6/4/2022	SeqNo: 3139611	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			

Sample ID: MB-67916	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 67916	RunNo: 88518								
Prep Date: 6/6/2022	Analysis Date: 6/6/2022	SeqNo: 3141021	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG
Project: Mallard HM Fee Battery

Sample ID: LCS-67916	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 67916			RunNo: 88518						
Prep Date: 6/6/2022	Analysis Date: 6/6/2022			SeqNo: 3141022		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Sample ID: MB-67911	SampType: mblk			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 67911			RunNo: 88498						
Prep Date: 6/6/2022	Analysis Date: 6/6/2022			SeqNo: 3141289		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67911	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 67911			RunNo: 88498						
Prep Date: 6/6/2022	Analysis Date: 6/6/2022			SeqNo: 3141290		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	90	110			

Sample ID: MB-67923	SampType: mblk			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 67923			RunNo: 88498						
Prep Date: 6/6/2022	Analysis Date: 6/6/2022			SeqNo: 3141324		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-67923	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 67923			RunNo: 88498						
Prep Date: 6/6/2022	Analysis Date: 6/6/2022			SeqNo: 3141325		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.4	90	110			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: LCS-67823	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67823			RunNo: 88383						
Prep Date: 6/1/2022	Analysis Date: 6/1/2022			SeqNo: 3136280		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.2	64.4	127			
Surr: DNOP	3.8		5.000		76.2	51.1	141			

Sample ID: MB-67823	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67823			RunNo: 88383						
Prep Date: 6/1/2022	Analysis Date: 6/1/2022			SeqNo: 3136281		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		86.6	51.1	141			

Sample ID: MB-67802	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67802			RunNo: 88418						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136875		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.3		10.00		72.8	51.1	141			

Sample ID: MB-67822	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67822			RunNo: 88405						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3136879		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		94.7	51.1	141			

Sample ID: LCS-67822	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67822			RunNo: 88405						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3136888		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	101	64.4	127			
Surr: DNOP	4.0		5.000		80.1	51.1	141			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: LCS-67802	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67802			RunNo: 88418						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136893		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.8	64.4	127			
Surr: DNOP	2.9		5.000		58.3	51.1	141			

Sample ID: LCS-67844	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67844			RunNo: 88406						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3136965		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	83.1	64.4	127			
Surr: DNOP	3.9		5.000		77.4	51.1	141			

Sample ID: MB-67844	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67844			RunNo: 88406						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3136966		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		92.5	51.1	141			

Sample ID: LCS-67803	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67803			RunNo: 88405						
Prep Date: 6/2/2022	Analysis Date: 6/2/2022			SeqNo: 3137666		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	101	64.4	127			
Surr: DNOP	3.8		5.000		75.2	51.1	141			

Sample ID: MB-67803	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67803			RunNo: 88405						
Prep Date: 6/2/2022	Analysis Date: 6/2/2022			SeqNo: 3137667		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.1		10.00		80.6	51.1	141			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: LCS-67824	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67824			RunNo: 88443						
Prep Date: 6/2/2022	Analysis Date: 6/3/2022			SeqNo: 3138091		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.9	64.4	127			
Surr: DNOP	3.6		5.000		71.2	51.1	141			

Sample ID: LCS-67829	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67829			RunNo: 88443						
Prep Date: 6/2/2022	Analysis Date: 6/3/2022			SeqNo: 3138092		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.5	64.4	127			
Surr: DNOP	3.7		5.000		73.6	51.1	141			

Sample ID: LCS-67852	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67852			RunNo: 88443						
Prep Date: 6/2/2022	Analysis Date: 6/3/2022			SeqNo: 3138093		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.3	64.4	127			
Surr: DNOP	3.2		5.000		63.2	51.1	141			

Sample ID: MB-67824	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67824			RunNo: 88443						
Prep Date: 6/2/2022	Analysis Date: 6/3/2022			SeqNo: 3138094		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		100	51.1	141			

Sample ID: MB-67829	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67829			RunNo: 88443						
Prep Date: 6/2/2022	Analysis Date: 6/3/2022			SeqNo: 3138095		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		86.9	51.1	141			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: MB-67852	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 67852	RunNo: 88443								
Prep Date: 6/2/2022	Analysis Date: 6/3/2022	SeqNo: 3138096 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.0	51.1	141			

Sample ID: MB-67821	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 67821	RunNo: 88418								
Prep Date: 6/1/2022	Analysis Date: 6/3/2022	SeqNo: 3138396 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		90.0	51.1	141			

Sample ID: LCS-67821	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 67821	RunNo: 88418								
Prep Date: 6/1/2022	Analysis Date: 6/3/2022	SeqNo: 3138397 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.3	64.4	127			
Surr: DNOP	3.8		5.000		76.1	51.1	141			

Sample ID: MB-67852	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 67852	RunNo: 88444								
Prep Date: 6/2/2022	Analysis Date: 6/3/2022	SeqNo: 3139875 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		97.8	51.1	141			

Sample ID: MB-67852	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 67852	RunNo: 88418								
Prep Date: 6/2/2022	Analysis Date: 6/3/2022	SeqNo: 3139975 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.4	51.1	141			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: MB-67864	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 67864	RunNo: 88418								
Prep Date: 6/2/2022	Analysis Date: 6/3/2022	SeqNo: 3139981 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.2	51.1	141			

Sample ID: LCS-67864	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 67864	RunNo: 88418								
Prep Date: 6/2/2022	Analysis Date: 6/3/2022	SeqNo: 3139982 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.0	64.4	127			
Surr: DNOP	3.6		5.000		71.8	51.1	141			

Sample ID: MB-67929	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 67929	RunNo: 88541								
Prep Date: 6/6/2022	Analysis Date: 6/7/2022	SeqNo: 3141981 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	24		10.00		238	51.1	141			S

Sample ID: LCS-67929	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 67929	RunNo: 88541								
Prep Date: 6/6/2022	Analysis Date: 6/7/2022	SeqNo: 3141982 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.8		5.000		116	51.1	141			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: ics-67777	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 67777				RunNo: 88377					
Prep Date: 5/29/2022	Analysis Date: 5/31/2022				SeqNo: 3135016	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.8	72.3	137			
Surr: BFB	1800		1000		183	37.7	212			

Sample ID: mb-67777	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 67777				RunNo: 88377					
Prep Date: 5/29/2022	Analysis Date: 5/31/2022				SeqNo: 3135017	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	870		1000		86.7	37.7	212			

Sample ID: ics-67778	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 67778				RunNo: 88377					
Prep Date: 5/29/2022	Analysis Date: 5/31/2022				SeqNo: 3135040	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.3	72.3	137			
Surr: BFB	1900		1000		190	37.7	212			

Sample ID: mb-67778	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 67778				RunNo: 88377					
Prep Date: 5/29/2022	Analysis Date: 5/31/2022				SeqNo: 3135041	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	840		1000		83.9	37.7	212			

Sample ID: ics-67793	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 67793				RunNo: 88409					
Prep Date: 5/31/2022	Analysis Date: 6/1/2022				SeqNo: 3136374	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	102	72.3	137			
Surr: BFB	1900		1000		190	37.7	212			

Sample ID: mb-67793	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 67793				RunNo: 88409					
Prep Date: 5/31/2022	Analysis Date: 6/1/2022				SeqNo: 3136375	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: mb-67793	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 67793			RunNo: 88409						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136375		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.4	37.7	212			

Sample ID: lcs-67807	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 67807			RunNo: 88409						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136398		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.7	72.3	137			
Surr: BFB	1900		1000		190	37.7	212			

Sample ID: mb-67807	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 67807			RunNo: 88409						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136399		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	820		1000		82.4	37.7	212			

Sample ID: lcs-67809	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 67809			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136645		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	72.3	137			
Surr: BFB	2100		1000		209	37.7	212			

Sample ID: lcs-67812	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 67812			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136646		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	72.3	137			
Surr: BFB	2100		1000		214	37.7	212			S

Sample ID: mb-67809	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 67809			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136647		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical 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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: mb-67809	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 67809			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136647		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		96.4	37.7	212			

Sample ID: mb-67812	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 67812			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136648		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	950		1000		94.6	37.7	212			

Sample ID: lcs-67828	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 67828			RunNo: 88440						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3137539		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB	2000		1000		195	37.7	212			

Sample ID: mb-67828	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 67828			RunNo: 88440						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3137540		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	840		1000		84.2	37.7	212			

Sample ID: lcs-67831	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 67831			RunNo: 88440						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3137563		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.3	72.3	137			
Surr: BFB	1900		1000		187	37.7	212			

Sample ID: mb-67831	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 67831			RunNo: 88440						
Prep Date: 6/1/2022	Analysis Date: 6/2/2022			SeqNo: 3137564		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205D09

09-Jun-22

Client: EOG

Project: Mallard HM Fee Battery

Sample ID: mb-67831	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 67831	RunNo: 88440								
Prep Date: 6/1/2022	Analysis Date: 6/2/2022	SeqNo: 3137564 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	850		1000		84.7	37.7	212			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: lcs-67777	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67777			RunNo: 88377						
Prep Date: 5/29/2022	Analysis Date: 5/31/2022			SeqNo: 3135071		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.2	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.6	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	70	130			

Sample ID: mb-67777	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67777			RunNo: 88377						
Prep Date: 5/29/2022	Analysis Date: 5/31/2022			SeqNo: 3135072		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.1	70	130			

Sample ID: lcs-67778	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67778			RunNo: 88377						
Prep Date: 5/29/2022	Analysis Date: 5/31/2022			SeqNo: 3135095		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.8	80	120			
Toluene	0.89	0.050	1.000	0	88.5	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.1	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.6	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		86.5	70	130			

Sample ID: mb-67778	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67778			RunNo: 88377						
Prep Date: 5/29/2022	Analysis Date: 5/31/2022			SeqNo: 3135096		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.7	70	130			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: lcs-67793	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67793			RunNo: 88409						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136440		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	89.8	80	120			
Toluene	0.91	0.050	1.000	0	91.5	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.8	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		86.8	70	130			

Sample ID: mb-67793	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67793			RunNo: 88409						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136441		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		87.8	70	130			

Sample ID: lcs-67807	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67807			RunNo: 88409						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136464		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.7	80	120			
Toluene	0.96	0.050	1.000	0	96.3	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.3	80	120			
Surr: 4-Bromofluorobenzene	0.85		1.000		85.3	70	130			

Sample ID: mb-67807	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67807			RunNo: 88409						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136465		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.8	70	130			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: LCS-67809	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67809			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136698		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.8	80	120			
Toluene	0.98	0.050	1.000	0	98.5	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.9	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: LCS-67812	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 67812			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136699		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.1	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.9	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.6	70	130			

Sample ID: mb-67809	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67809			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136700		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: mb-67812	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 67812			RunNo: 88413						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136701		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	70	130			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: lcs-67828	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 67828				RunNo: 88440					
Prep Date: 6/1/2022	Analysis Date: 6/2/2022				SeqNo: 3137580	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.7	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.8	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.1	70	130			

Sample ID: mb-67828	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 67828				RunNo: 88440					
Prep Date: 6/1/2022	Analysis Date: 6/2/2022				SeqNo: 3137581	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		84.5	70	130			

Sample ID: lcs-67831	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 67831				RunNo: 88440					
Prep Date: 6/1/2022	Analysis Date: 6/2/2022				SeqNo: 3137604	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.5	80	120			
Toluene	0.98	0.050	1.000	0	98.3	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.6	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		87.7	70	130			

Sample ID: mb-67831	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 67831				RunNo: 88440					
Prep Date: 6/1/2022	Analysis Date: 6/2/2022				SeqNo: 3137605	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.9	70	130			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: 2205d09-046amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BS22-70 4'	Batch ID: 67798	RunNo: 88415								
Prep Date: 5/31/2022	Analysis Date: 6/2/2022	SeqNo: 3136765	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9862	0	105	63.5	137	3.59	20	
Toluene	1.1	0.049	0.9862	0	115	77.6	127	10.6	20	
Ethylbenzene	1.2	0.049	0.9862	0	118	77.9	129	13.0	20	
Xylenes, Total	3.5	0.099	2.959	0	118	76.8	127	11.5	20	
Surr: 1,2-Dichloroethane-d4	0.51		0.4931		103	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.47		0.4931		96.1	70	130	0	0	
Surr: Dibromofluoromethane	0.55		0.4931		113	70	130	0	0	
Surr: Toluene-d8	0.49		0.4931		99.1	70	130	0	0	

Sample ID: lcs-67798	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 67798	RunNo: 88415								
Prep Date: 5/31/2022	Analysis Date: 6/1/2022	SeqNo: 3136778	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.6	80	120			
Toluene	0.91	0.050	1.000	0	90.5	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.1	80	120			
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		101	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.8	70	130			
Surr: Dibromofluoromethane	0.57		0.5000		114	70	130			
Surr: Toluene-d8	0.48		0.5000		95.4	70	130			

Sample ID: mb-67798	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 67798	RunNo: 88415								
Prep Date: 5/31/2022	Analysis Date: 6/1/2022	SeqNo: 3136779	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	0.50		0.5000		99.4	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.2	70	130			
Surr: Dibromofluoromethane	0.57		0.5000		113	70	130			
Surr: Toluene-d8	0.48		0.5000		96.8	70	130			

Qualifiers:

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

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

WO#: 2205D09

09-Jun-22

Client: EOG**Project:** Mallard HM Fee Battery

Sample ID: 2205d09-046ams	SampType: MS4		TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BS22-70 4'	Batch ID: 67798		RunNo: 88446							
Prep Date: 5/31/2022	Analysis Date: 6/2/2022		SeqNo: 3137798		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9833	0	102	63.5	137			
Toluene	1.0	0.049	0.9833	0	104	77.6	127			
Ethylbenzene	1.0	0.049	0.9833	0	104	77.9	129			
Xylenes, Total	3.1	0.098	2.950	0	105	76.8	127			
Surr: 1,2-Dichloroethane-d4	0.51		0.4916		103	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.4916		94.4	70	130			
Surr: Dibromofluoromethane	0.54		0.4916		110	70	130			
Surr: Toluene-d8	0.46		0.4916		94.1	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205D0909-Jun-22

Client: EOG

Project: Mallard HM Fee Battery

Sample ID: lcs-67798	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 67798			RunNo: 88415						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136802		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.4	70	130			
Surr: BFB	510		500.0		102	70	130			

Sample ID: mb-67798	SampType: MBLK			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: PBS	Batch ID: 67798			RunNo: 88415						
Prep Date: 5/31/2022	Analysis Date: 6/1/2022			SeqNo: 3136803		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	530		500.0		106	70	130			

Qualifiers:

- *

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

% Recovery outside of range due to dilution or matrix interference
- B

Analyte detected in the associated Method Blank
- E

Estimated value
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

Chain-of-Custody Record				Turn-Around Time: 5 Day		
Client: EOG		☒ Standard ☒ Rush Project Name: Mallard HM Fee Battery				
Mailing Address:				Project #: 22E-20123		
Phone #:				Project Manager: Monica Peppin		
email or Fax#:				Sampler: MJP		
QA/QC Package:				On Ice: ☒ Yes ☐ No		
☐ Standard ☐ Level 4 (Full Validation)				# of Coolers: 3		
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other _____				Cooler Temp (including CF): See 1st page (°C)		
☐ EDD (Type) _____						
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5/25	8:30	Soil	B522-37	402	ice	2205D09
	8:35		B522-38			013
	8:40		B522-39			014
	8:45		B522-40			015
	8:50		B522-41			016
	8:55		B522-42			017
	9:00		B522-43			018
	9:05		B522-44			019
	9:10		B522-45			020
	9:15		B522-46			021
	9:20		B522-47			022
	9:25		B522-48			023
						024
Date:	Time:	Relinquished by:		Received by:		Date: Time
5/27/22	1900	Relinquished by:		Received by:		5/27/22 902
				CME courier 5/28/22 0800		

Turn-Around Time: 5 Day	☒ Standard ☒ Rush
Project Name: Mallard HM Fee Battery	
Project #: 22E-20123	
Project Manager: Monica Peppin	
Sampler: MJP	
On Ice: ☒ Yes ☐ No	
# of Coolers: 3	
Cooler Temp (including CF): See 1st page	(°C)
Container Type and #	Preservative Type
402	ice
	013
	014
	015
	016
	017
	018
	019
	020
	021
	022
	023
	024
Received by: [Signature]	Via: [Signature]
Date: 5/27/22	Time: 0800

Chain-of-Custody Record				
Client: EOG				
Chase Seattle				
Mailing Address:				
Phone #:				
email or Fax#:				
QA/QC Package:				
☐ Standard ☐ Level 4 (Full Validation)				
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other				
☐ EDD (Type)				
Date	Time	Matrix	Sample Name	
5/25	8:30	Soil	BS22-37	4'
	8:35		BS22-38	4'
	8:40		BS22-39	4'
	8:45		BS22-40	4'
	8:50		BS22-41	4'
	8:55		BS22-42	4'
	9:00		BS22-43	4'
	9:05		BS22-44	4'
	9:10		BS22-45	4'
	9:15		BS22-46	4'
	9:20		BS22-47	4'
	9:25		BS22-48	4'
Date:	Time:	Relinquished by: 		
Date: 5/27/2019	Time: 1:00	Relinquished by: 		

Remarks: cc: M. Peppin
Direct bill EOG

Direct bill EOG

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

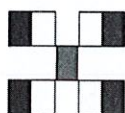
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: <u>EOG</u>		Turn-Around Time: <u>5 Day</u>				
Mailing Address: <u>Chase Settle</u>		☒ Standard ☒ Rush				
Phone #: _____		Project Name: <u>Mallard HM Fuel Battery</u>				
email or Fax#: _____		Project #: <u>22E-00123</u>				
QA/QC Package: ☐ Standard ☐ Level 4 (Full Validation)		Project Manager: <u>Monica Peppin</u>				
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other _____		Sampler: <u>MJP</u>				
☐ EDD (Type) _____		On Ice: ☒ Yes ☐ No				
		# of Coolers: <u>3</u>				
		Cooler Temp (including CF): <u>See 1st page</u> (°C)				
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
9/25	10:30	Soil	BS22-61	402	ice	2205209
	10:35		BS22-62			037
	10:40		BS22-63			038
	10:45		BS22-64			039
	10:50		BS22-65			040
	10:55		BS22-66			041
	11:00		BS22-67			042
	11:05		BS22-68			043
	11:10		BS22-69			044
	11:15		BS22-70			045
	11:20		BS22-71			046
	11:25		BS22-72			047
Date:	Time:	Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u> Date: <u>9/27/22</u> Time: <u>900</u>			
Date: <u>9/27/22</u>	Time: <u>1900</u>	Relinquished by: <u>[Signature]</u>	Received by: <u>CME Cooper</u> Date: <u>9/28/22</u> Time: <u>0800</u>			


**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

☒ BTX / MTBE / TMB's (8021) ☒ TPH:8015D(GRO / DRO / MRO) ☒ 8081 Pesticides/8082 PCB's
☒ EDB (Method 504.1) ☐ PAHs by 8310 or 8270SIMS ☐ RCRA 8 Metals ☒ Cl, F, Br, NO₃, NO₂, PO₄, SO₄
☐ 8260 (VOA) ☐ 8270 (Semi-VOA) ☐ Total Coliform (Present/Absent)

Remarks: CC: M. Peppin

Direct bill EOG

Chain-of-Custody Record

Client: EOG

Chase Settler

Mailing Address:

Turn-Around Time: 5 Day

☒ Standard ☒ Rush

Project Name:

Mallard HM Fee Battery

Project #:

22E-00123

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ AZ Compliance☐ NELAC ☐ Other☐ EDD (Type)

Project Manager:

Monica Peppin

Sampler: MJP

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including OFI): 5°C, 1st page (°C)

Container Type and #

Preservative Type

HEAL No.

Date

Time

Sample Name

Matrix

Date

Time

Sample Name

Matrix

Date

Time

Sample Name

Matrix

Date

Time

Sample Name

Matrix

Date

Time

Sample Name

Matrix

Date

Time

Sample Name

Matrix

Date

Time

Relinquished by:

[Signature]

Relinquished by:

[Signature]

Received by:

[Signature]

Received by:

[Signature]

Date

5/27/22 900

Date

5/28/22 0800

Remarks:

CC: M. Peppin

Direct bill EOG

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

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

BTEX / MTBE / TMB's (8021)

TPH: 8015D (GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

C F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Chain-of-Custody Record

Client:

EOG

Mailing Address:

Chase Settler

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC☐ Other☐ EDD (Type)

Turn-Around Time:

5 Day

☒ Standard☒ Rush

Project Name:

Mallard HM Fee Battery

Project #:

22E-00123

Project Manager:

Monica Peppin

Sampler: MSP

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CF): See 1st page (°C)

Date Time Matrix Sample Name

5/25 12:30 Soil BS22-85 4'

5/25 12:35 BS22-86 4'

5/25 12:40 BS22-87 4'

5/25 12:45 BS22-88 4'

5/25 12:50 BS22-89 4'

5/25 12:55 BS22-90 4'

5/24 11:30 BS22-91 4'

5/24 11:35 BS22-92 4'

5/24 11:40 BS22-93 4'

5/24 11:45 BS22-94 4'

5/24 11:50 BS22-95 4'

5/24 11:55 BS22-96 4'

Date:

Time:

Relinquished by:

Time:

Date:

Time:

Relinquished by:

Time:

Received by:

Date

Time

Received by:

Date

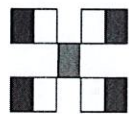
Time

Remarks:

CC: M. Peppin

Direct bill EOG

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



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO) ☒

8081 Pesticides/8082 PCB's ☒

EDB (Method 504.1) ☒

PAHs by 8310 or 8270SIMS ☒

RCRA 8 Metals ☒

(C), F, Br, NO₃, NO₂, PO₄, SO₄ ☒

8260 (VOA) ☒

8270 (Semi-VOA) ☒

Total Coliform (Present/Absent) ☒

BTEX: MTBE / TMB's (8021) ☒

HEAL No. 2205009

Container Type and # 402

Preservative Type ice

Cooler Temp (including CF): See 1st page (°C)

On Ice: ☒ Yes ☐ No

of Coolers: 3

Sampler: MSP

Project Manager: Monica Peppin

Project #: 22E-00123

Project Name: Mallard HM Fee Battery

Turn-Around Time: 5 Day

☒ Standard ☒ Rush

Mailing Address: Chase Settler

Client: EOG

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

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Date Time Matrix Sample Name

5/25 12:30 Soil BS22-85 4'

5/25 12:35 BS22-86 4'

5/25 12:40 BS22-87 4'

5/25 12:45 BS22-88 4'

5/25 12:50 BS22-89 4'

5/25 12:55 BS22-90 4'

5/24 11:30 BS22-91 4'

5/24 11:35 BS22-92 4'

5/24 11:40 BS22-93 4'

5/24 11:45 BS22-94 4'

5/24 11:50 BS22-95 4'

5/24 11:55 BS22-96 4'

Date:

Time:

Relinquished by:

Time:

Received by:

Date

Time

Remarks:

CC: M. Peppin

Direct bill EOG

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

Chain-of-Custody Record

Client: EOG

Mailing Address: Chase Settle

Phone #: _____

email or Fax#: _____

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

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time: 5 Day

☒ Standard ☒ Rush

Project Name: Mallard HMFc Battery

Project #: 22E-00123

Project Manager: Monica Peppin

Sampler: MSP

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CF): See 1st page (°C)

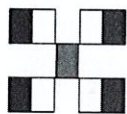
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5/24	1:00	Soil	BS22-109	402	ice	2205.D09
5/24	1:05		BS22-110			085
5/24	1:10		BS22-111			086
5/24	1:15		BS22-112			087
5/24	1:20		BS22-113			088
5/24	1:25		BS22-114			089
5/24	1:30		BS22-115			090
5/24	1:35		BS22-116			091
5/24	1:40		BS22-117			092
5/24	1:45		BS22-118			093
5/24	1:50		BS22-119			094
5/25	1:00		BS22-120			095

Date: _____ Time: _____

Relinquished by: [Signature]

Date: 5/27/22 Time: 1900

Relinquished by: [Signature]



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(C), F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
☒ BTEX / MTBE / TMB's (8021)	☒	☒	☒	☒	☒	☒	☒	☒

Remarks: CC: M. Peppin

Direct bill EOG

possibility. Any sub-contracted data will be clearly notated on the

Chain-of-Custody Record

Client: EoG
Chase Sattle
 Mailing Address:

Turn-Around Time: 5 Day
☒ Standard ☒ Rush
 Project Name: Mallard HM Fire Battery
 Project #: 02E-00123

Project Manager: Monica Peppin
 Sampler: MSP
 On Ice: ☒ Yes ☐ No
 # of Coolers: 3
 Cooler Temp (including CF): See 1st page (°C)

Container Type and #
 Date Time Matrix Sample Name
 5/26 11:05 Soil WS22-35 12-16'
 5/26 11:10 WS22-36 4-8'
 5/26 11:15 WS22-36 8-12'
 5/26 11:20 WS22-36 12-16'
 5/25 2:05 WS22-37 4-8'
 5/25 2:10 WS22-38 4-8'

Relinquished by: [Signature]
 Date: 5/27/22 Time: 1900
 Relinquished by: ae
 Date: 5/27/22 Time: 1900

Analysis Request

TPH:8015D(GRO / DRO / MRO)
 8081 Pesticides/8082 PCB's
 EDB (Method 504.1)
 PAHs by 8310 or 8270SIMS
 RCRA 8 Metals
 Cl, F, Br, NO₃, NO₂, PO₄, SO₄
 8260 (VOA)
 8270 (Semi-VOA)
 Total Coliform (Present/Absent)

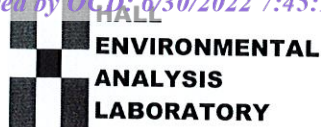
Remarks:

CC: M. Peppin

Direct bill EoG

13

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2205D09

RcptNo: 1

Received By: Cheyenne Cason 5/28/2022 8:00:00 AM

Completed By: Cheyenne Cason 5/28/2022 9:09:18 AM

Reviewed By: *MC* 05/28/2022*Chad**Chad*Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *cmc 5/28/22*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

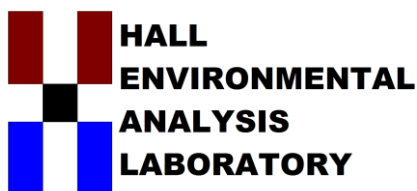
Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.1	Good	Not Present			
2	5.7	Good	Not Present			
3	3.0	Good	Not Present			



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

Monica Peppin
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Mallard

OrderNo.: 2206B24

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/22/2022 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,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2206B24

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WES22-21 0-4'

Project: Mallard

Collection Date: 6/20/2022 2:45:00 PM

Lab ID: 2206B24-001

Matrix:

Received Date: 6/22/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	6/22/2022 12:27:25 PM	68287
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/22/2022 1:36:11 PM	68282
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/22/2022 1:36:11 PM	68282
Surr: DNOP	103	51.1-141		%Rec	1	6/22/2022 1:36:11 PM	68282
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	6/22/2022 9:03:39 AM	A88935
Surr: BFB	90.4	37.7-212		%Rec	1	6/22/2022 9:03:39 AM	A88935
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	6/22/2022 9:03:39 AM	C88935
Toluene	ND	0.033		mg/Kg	1	6/22/2022 9:03:39 AM	C88935
Ethylbenzene	ND	0.033		mg/Kg	1	6/22/2022 9:03:39 AM	C88935
Xylenes, Total	ND	0.066		mg/Kg	1	6/22/2022 9:03:39 AM	C88935
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	6/22/2022 9:03:39 AM	C88935

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

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2206B24
24-Jun-22

Client: EOG
Project: Mallard

Sample ID: MB-68287	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 68287	RunNo: 88947								
Prep Date: 6/22/2022	Analysis Date: 6/22/2022	SeqNo: 3159736		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-68287	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 68287	RunNo: 88947								
Prep Date: 6/22/2022	Analysis Date: 6/22/2022	SeqNo: 3159737		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	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 Quantitative Limit

S

% Recovery outside of range due to dilution or matrix interference
- B

Analyte detected in the associated Method Blank

E

Estimated value

J

Analyte detected below quantitation limits

P

Sample pH Not In Range

RL

Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2206B24
24-Jun-22

Client: EOG
Project: Mallard

Sample ID: LCS-68282	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 68282	RunNo: 88913								
Prep Date: 6/22/2022	Analysis Date: 6/22/2022	SeqNo: 3158877	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	15	50.00	0	95.1	64.4	127			
Surr: DNOP	3.1		5.000		61.2	51.1	141			

Sample ID: MB-68282	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 68282	RunNo: 88913								
Prep Date: 6/22/2022	Analysis Date: 6/22/2022	SeqNo: 3158878	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.7	51.1	141			

- Qualifiers:
- *

Value exceeds Maximum Contaminant Level.

D

Sample Diluted Due to Matrix

H

Holding times for preparation or analysis exceeded

ND

Not Detected at the Reporting Limit

PQL

Practical Quantitative Limit

S

% Recovery outside of range due to dilution or matrix interference
- B

Analyte detected in the associated Method Blank

E

Estimated value

J

Analyte detected below quantitation limits

P

Sample pH Not In Range

RL

Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2206B24
24-Jun-22

Client: EOG
Project: Mallard

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: A88935			RunNo: 88935						
Prep Date:	Analysis Date: 6/22/2022			SeqNo: 3158893		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	920		1000		91.7	37.7	212			

Sample ID: 2.5ug gro lcs	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: A88935			RunNo: 88935						
Prep Date:	Analysis Date: 6/22/2022			SeqNo: 3158894		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	2100		1000		209	37.7	212			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

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

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

WO#: 2206B24

24-Jun-22

Client: EOG
Project: Mallard

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: C88935		RunNo: 88935							
Prep Date:	Analysis Date: 6/22/2022		SeqNo: 3158937		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.2	70	130			

Sample ID: 100ng btex lcs	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: C88935		RunNo: 88935							
Prep Date:	Analysis Date: 6/22/2022		SeqNo: 3158938		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.6	80	120			
Toluene	0.93	0.050	1.000	0	92.8	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.3	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2206B24

RcptNo: 1

Received By: Cheyenne Cason 6/22/2022 7:20:00 AM

Completed By: Cheyenne Cason 6/22/2022 7:36:52 AM

Reviewed By: KPC 6/22/22

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: JN 6/22/22

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.1	Good	Not Present			

... and the environment may be sub-

indicated to other accredited laboratories. This serves as notice of this

BTEX / MTBE / TMB's (8021)
TPH:8015D(GRO / DRO / MRO)
8081 Pesticides/8082 PCB's
EDB (Method 504.1)
PAHs by 8310 or 8270SIMS
RCRA 8 Metals
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄
8260 (VOA)
8270 (Semi-VOA)
Total Coliform (Present/Absent)

CEOG
CC: Change Director

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

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

CONDITIONS

Action 121731

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 121731
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/6/2023