



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 4<sup>th</sup> Street  
Artesia, New Mexico 88210

**New Mexico Oil Conservation Division - District 2 Artesia**  
811 South 1<sup>st</sup> 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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EOG Resources, Inc.  
Mallard HM Fee Battery, NMLB12128537142/nKMW0735549685

2022 Spill Assessment and Closure  
June 2022

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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.

Mallard HM Fee Battery, NMLB12128537142/nKMW0735549685

## 2022 Spill Assessment and Closure

June 2022

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, <b>or</b>	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	
	<b>NMAC 19.15.29.12 E (Table 1) Closure Criteria</b>	>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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Mallard HM Fee Battery, NMLB12128537142/nKMW0735549685

2022 Spill Assessment and Closure

June 2022

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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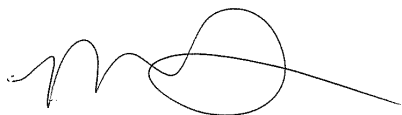
2022 Spill Assessment and Closure  
June 2022

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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2022 Spill Assessment and Closure  
June 2022

## References

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- Measured Distance from the Subject Site to Residence*. Google Earth Pro, (2019). Retrieved from <https://earth.google.com>
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- Measured Distance from the Subject Site to Municipal Boundaries*. Google Earth Pro, (2019). Retrieved from <https://earth.google.com>
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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](http://www.wipp.energy.gov/library/Information_Repository_A/Supplemental_Information/Chugg%20et%20al%201971%20w-map.pdf)

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2022 Spill Assessment and Closure  
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## 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 <sup>TH</sup> 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher/NMOCD II	
By Whom? Robert Asher/Yates Petroleum Corporation	Date and Hour <del>3/24/2012</del> - AM 4/4/12 8:14AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		


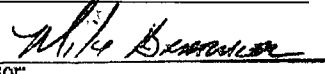
## Describe Cause of Problem and Remedial Action Taken.\*

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 <input type="checkbox"/>	

\* 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: Bradford Billings Date: 07/11/2022

Printed Name: Bradford Billings Title: Envir.Spec.A

District I  
1625 N. French Dr., Hobbs, NM 88240  
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1301 W. Grand Avenue, Artesia, NM 88210  
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State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
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

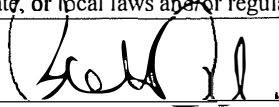
Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 <sup>TH</sup> Street	Telephone No. 505-748-1471	JAN 18 2008
Facility Name Mallard HM Tank Battery	API Number 30-015-00254	Facility Type Battery
		OCD-ARTESIA
Surface Owner Fee	Mineral Owner Fee	Lease 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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <b>Depth to Ground Water: 50-99', Wellhead Protection Area: No, Distance to Surface Water Body: &gt;1000', SITE RANKING IS 10. Based on enclosed information, Yates Petroleum Corporation requests closure.</b>		
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 <input type="checkbox"/>
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.

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- ☒ 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: Bradford Billings Date: 07/11/2022  
Printed Name: Bradford Billings Title: Enviro.Spec.A



## **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

<p><b>Viewing Direction: East</b></p>  <p>Descriptive Photo - 5 Viewing Direction: East Object: South side of pad Created: 6/30/2022 4:00:22 PM Lat:32.716124, Long:-104.589167</p> <p>South side of pad</p>	<p><b>Viewing Direction: Northeast</b></p>  <p>Descriptive Photo - 6 Viewing Direction: Northeast Object: Pad excavation Created: 6/30/2022 4:00:01 PM Lat:32.716046, Long:-104.589144</p> <p>Pad excavation</p>
<p><b>Viewing Direction: North</b></p>  <p>Descriptive Photo - 7 Viewing Direction: North Object: Excavation Created: 6/30/2022 4:01:22 PM Lat:32.716014, Long:-104.587908</p> <p>Excavation</p>	<p><b>Viewing Direction: Southeast</b></p>  <p>Descriptive Photo - 8 Viewing Direction: Southeast Object: Excavation Created: 6/30/2022 4:00:08 PM Lat:32.716046, Long:-104.589144</p> <p>Excavation</p>

## 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:	<u>EOG Resources Inc.</u>	Inspection Date:	<u>3/4/2022</u>
Site Location Name:	<u>Mallard HM Fee Battery</u>	Report Run Date:	<u>3/4/2022 8:37 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>3/4/2022 7:00 AM</u>
Departed Site	<u>3/4/2022 1:45 PM</u>

### 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**



Digging out pad west toward road

**Viewing Direction: Northwest**



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

**Viewing Direction: Southeast**



Part of east wall that came back hot yesterday

**Viewing Direction: East**



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: 32.718673, 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: 32.718777, Long: -104.388166

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: 32.718832, 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: 32.718854, 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

<p><b>Viewing Direction: South</b></p>  <p>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</p>	<p><b>Viewing Direction: Southwest</b></p>  <p>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</p>
<p>Removing the rest of the west wall</p>	<p>Got a second loader on site</p>
<p><b>Viewing Direction: Southeast</b></p>  <p>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</p>	<p><b>Viewing Direction: Northeast</b></p>  <p>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</p>
<p>East wall finally cleared up</p>	<p>No news on the north end</p>

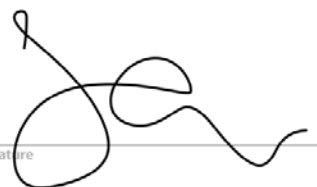
## Daily Site Visit Report



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

<p><b>Viewing Direction: South</b></p>  <p>Descriptive Photo - 4 Viewing Direction: South Desc: Excavation Created: 5/10/2022 1:30:28 PM Lat:32.716692, Long:-104.389282</p> <p>Excavation</p>	<p><b>Viewing Direction: Southeast</b></p>  <p>Descriptive Photo - 5 Viewing Direction: Southeast Desc: Loading trucks in the excavation Created: 5/10/2022 1:36:36 PM Lat:32.716692, Long:-104.389282</p> <p>Loading trucks in the excavation</p>
<p><b>Viewing Direction: Southeast</b></p>  <p>Descriptive Photo - 6 Viewing Direction: Southeast Desc: Progress on the east wall Created: 5/10/2022 2:21:50 PM Lat:32.716692, Long:-104.389282</p> <p>Progress on the east wall</p>	<p><b>Viewing Direction: Southeast</b></p>  <p>Descriptive Photo - 7 Viewing Direction: Southeast Desc: East wall Created: 5/10/2022 3:22:46 PM Lat:32.716692, Long:-104.389282</p> <p>East wall</p>



## 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

<p><b>Viewing Direction: East</b></p>  <p><small>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</small></p> <p>East wall of 8' excavation under BH22-38 and BH22-41</p>	<p><b>Viewing Direction: West</b></p>  <p><small>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</small></p> <p>West wall of 8' excavation under BH22-38 and BH22-41</p>
<p><b>Viewing Direction: South</b></p>  <p><small>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</small></p> <p>South wall of 8' excavation under BH22-38 and BH22-41</p>	<p><b>Viewing Direction: North</b></p>  <p><small>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</small></p> <p>North wall of 8' excavation under BH22-38 and BH22-41</p>





## 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 to the left of the line.

# 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



West wall under 38 got worse 8-10' bgs

Viewing Direction: Northeast



Excavation currently

Viewing Direction: Southeast



Excavation currently

Viewing Direction: Northeast



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:	<u>EOG Resources Inc.</u>	Inspection Date:	<u>3/17/2022</u>
Site Location Name:	<u>Mallard HM Fee Battery</u>	Report Run Date:	<u>3/17/2022 10:19 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 3/17/2022 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



Descriptive Photo - 5  
Viewing Direction: Southwest  
Desc: Still 10' under 33  
Created: 3/17/2022 11:13:44 AM  
Lat:32.709978, Long:-104.388063

Still 10' under 33

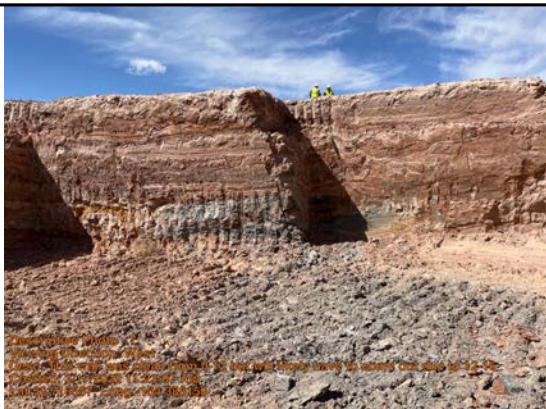
Viewing Direction: Southwest



Descriptive Photo - 6  
Viewing Direction: Southwest  
Desc: At 16' below 38 and 41  
Created: 3/17/2022 11:14:46 AM  
Lat:32.716946, Long:-104.388063

At 16' below 38 and 41

Viewing Direction: West



Descriptive Photo - 7  
Viewing Direction: West  
Desc: This wall was clean from 0-12 but will likely have to come out due to 12-16'  
Created: 3/17/2022 11:13:44 AM  
Lat:32.709978, Long:-104.388063

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

Viewing Direction: Northeast



Descriptive Photo - 8  
Viewing Direction: Northeast  
Desc: Cleaning up by hand around the line  
Created: 3/17/2022 2:53:04 PM  
Lat:32.716907, Long:-104.388063

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 thin 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: 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

<p><b>Viewing Direction: Northwest</b></p>  <p>Descriptive Photo - 13 Viewing Direction: Northwest Desc: From center Created: 3/21/2022 11:48:16 AM Lat:32.716486, Long:-104.388048</p> <p>From center</p>	<p><b>Viewing Direction: North</b></p>  <p>Descriptive Photo - 14 Viewing Direction: North Desc: From center Created: 3/21/2022 11:48:31 AM Lat:32.716484, Long:-104.388041</p> <p>From center</p>
<p><b>Viewing Direction: Northeast</b></p>  <p>Descriptive Photo - 15 Viewing Direction: Northeast Desc: From center Created: 3/21/2022 11:48:45 AM Lat:32.716483, Long:-104.388041</p> <p>From center</p>	<p><b>Viewing Direction: North</b></p>  <p>Descriptive Photo - 16 Viewing Direction: North Desc: New truck route around east of deep excavations Created: 3/21/2022 11:47:28 AM Lat:32.716555, Long:-104.387944</p> <p>New truck route around east of deep excavations</p>



## Daily Site Visit Report

<p><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 2 Viewing Direction: North Object: Excavation Created: 3/21/2022 9:42:34 AM Lat:32.731476, Long:-104.388361</small></p> <p>Excavation</p>	<p><b>Viewing Direction: Southwest</b></p>  <p><small>Descriptive Photo - 3 Viewing Direction: Southwest Object: Water truck Created: 3/21/2022 9:42:37 AM Lat:32.731476, Long:-104.388365</small></p> <p>Water truck</p>
<p><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 4 Viewing Direction: South Object: Excavation Created: 3/21/2022 10:42:37 AM Lat:32.731476, Long:-104.388361</small></p> <p>Excavation</p>	<p><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 5 Viewing Direction: South Object: Angling the ramp so trucks can come around the east side of the excavation Created: 3/21/2022 10:42:39 AM Lat:32.731476, Long:-104.388365</small></p> <p>Angling the ramp so trucks can come around the east side of the excavation</p>





## 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 thin 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

<p><b>Viewing Direction: North</b></p>  <p>Descriptive Photo - 4 Viewing Direction: North Desc: Collecting Base Samples Created: 5/24/2022 9:55:05 AM Lat:32.718070, Long:-104.387815</p>	<p><b>Viewing Direction: Northwest</b></p>  <p>Descriptive Photo - 5 Viewing Direction: Northwest Desc: Collecting Base Samples Created: 5/24/2022 9:59:48 AM Lat:32.718549, Long:-104.387815</p>
Collecting Base Samples	Collecting Base Samples
<p><b>Viewing Direction: West</b></p>  <p>Descriptive Photo - 6 Viewing Direction: West Desc: Collecting Base Samples Created: 5/24/2022 9:10:23 AM Lat:32.718707, Long:-104.387868</p>	<p><b>Viewing Direction: South</b></p>  <p>Descriptive Photo - 7 Viewing Direction: South Desc: Collecting Base Samples Created: 5/24/2022 9:10:38 AM Lat:32.718849, Long:-104.387908</p>
Collecting Base Samples	Collecting Base Samples



## Daily Site Visit Report

Viewing Direction: Southeast	Viewing Direction: Southwest
 <p>Descriptive Photo - 8 Viewing Direction: Southwest Date: Collecting Base Samples Created: 5/24/2022 9:11:43 AM Lat:32.716922, Long:-104.399199</p>	 <p>Descriptive Photo - 8 Viewing Direction: Southwest Date: Collecting Base Samples Created: 5/24/2022 9:12:11 AM Lat:32.716922, Long:-104.399199</p>
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. 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: 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: 32.719104, 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](mailto: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](mailto: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

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**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>  
**Sent:** Monday, May 16, 2022 3:01 PM  
**To:** Katie Jamison <[Katie\\_Jamison@eogresources.com](mailto: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.

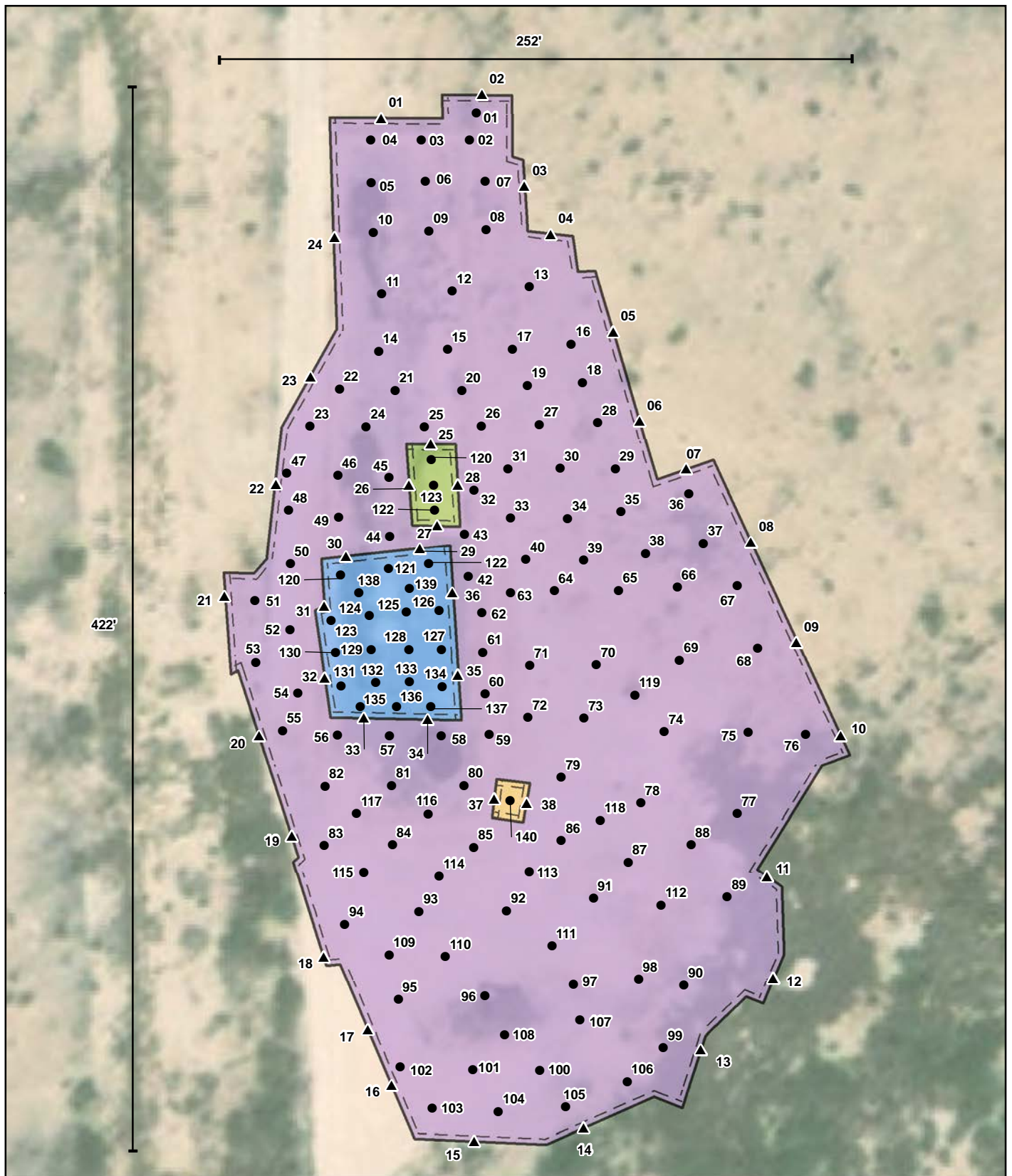
Thank you,  
Bradford Billings  
Hydrologist/E.Spec.A  
505-670-6549  
[bradford.billings@state.nm.us](mailto:bradford.billings@state.nm.us)

**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.)
- 16' Excavation Area (~3,479 sq. ft.)
- 8' Excavation Area (~197 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 &gt;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 &gt;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  (mg/kg)	BTEX (Total)  (mg/kg)	Gasoline Range Organics (GRO)  (mg/kg)	Diesel Range Organics (DRO)  (mg/kg)	Motor Oil Range Organics (MRO)  (mg/kg)	(GRO + DRO)  (mg/kg)	Total Petroleum Hydrocarbons (TPH)  (mg/kg)	
			(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 &gt;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 &gt;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)		(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	

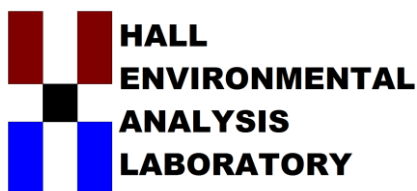
"ND" Not Detected at the Reporting Limit

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



## Analytical Report

Lab Order 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	78	60		mg/Kg	20	5/27/2022 5:37:20 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	110	60		mg/Kg	20	5/27/2022 6:14:33 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

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

Page 2 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 6:26:58 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

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

Page 3 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 7:04:10 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 4 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 7:16:35 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 5 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	61		mg/Kg	20	5/27/2022 7:29:00 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 6 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 7:41:24 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 7 of 28



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	59		mg/Kg	20	5/27/2022 7:53:48 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 8 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	440	60		mg/Kg	20	5/27/2022 8:06:13 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 9 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/27/2022 8:18:37 PM	67763
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	62	60		mg/Kg	20	5/31/2022 1:17:37 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 1:30:01 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 12 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	410	60		mg/Kg	20	5/31/2022 1:42:26 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 13 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	120	60		mg/Kg	20	5/31/2022 1:54:50 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 14 of 28



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 2:07:14 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 15 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	59		mg/Kg	20	5/31/2022 2:44:28 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 16 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	230	59		mg/Kg	20	5/31/2022 2:56:52 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: WS22-18 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	260	60		mg/Kg	20	5/31/2022 3:09:16 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	290	60		mg/Kg	20	5/31/2022 3:46:30 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 3:58:55 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 20 of 28

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 4:11:19 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 4:23:43 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: WS22-24 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	5/31/2022 4:36:08 PM	67789
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: <b>MB-67763</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67763</b>	RunNo: <b>88374</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3135377</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67763</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67763</b>	RunNo: <b>88374</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3135378</b> Units: <b>mg/Kg</b>								
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: <b>MB-67789</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67789</b>	RunNo: <b>88375</b>								
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>5/31/2022</b>	SeqNo: <b>3135630</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67789</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67789</b>	RunNo: <b>88375</b>								
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>5/31/2022</b>	SeqNo: <b>3135631</b> Units: <b>mg/Kg</b>								
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: <b>MB-67678</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67678</b>			RunNo: <b>88246</b>						
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/25/2022</b>			SeqNo: <b>3130799</b>	Units: <b>%Rec</b>					
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: <b>LCS-67678</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67678</b>			RunNo: <b>88246</b>						
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/25/2022</b>			SeqNo: <b>3130800</b>	Units: <b>%Rec</b>					
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: <b>MB-67700</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67700</b>			RunNo: <b>88283</b>						
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>			SeqNo: <b>3131472</b>	Units: <b>mg/Kg</b>					
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: <b>LCS-67700</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67700</b>			RunNo: <b>88283</b>						
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>			SeqNo: <b>3131473</b>	Units: <b>mg/Kg</b>					
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: <b>MB-67711</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67711</b>			RunNo: <b>88246</b>						
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133637</b>	Units: <b>mg/Kg</b>					
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: <b>LCS-67711</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67711</b>			RunNo: <b>88246</b>						
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133639</b>	Units: <b>mg/Kg</b>					
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: <b>LCS-67711</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67711</b>			RunNo: <b>88246</b>						
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133639</b>	Units: <b>mg/Kg</b>					
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: <b>LCS-67844</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67844</b>			RunNo: <b>88406</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3136965</b>	Units: <b>mg/Kg</b>					
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: <b>MB-67844</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67844</b>			RunNo: <b>88406</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3136966</b>	Units: <b>mg/Kg</b>					
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: <b>mb-67696</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67696</b>	RunNo: <b>88314</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131816</b> Units: <b>mg/Kg</b>								
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: <b>lcs-67696</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67696</b>	RunNo: <b>88314</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131817</b> Units: <b>mg/Kg</b>								
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: <b>lcs-67698</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67698</b>	RunNo: <b>88315</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131904</b> Units: <b>mg/Kg</b>								
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: <b>mb-67698</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67698</b>	RunNo: <b>88315</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131905</b> Units: <b>mg/Kg</b>								
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: <b>mb-67696</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67696</b>	RunNo: <b>88314</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131849</b> Units: <b>mg/Kg</b>								
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: <b>LCS-67696</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67696</b>	RunNo: <b>88314</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131850</b> Units: <b>mg/Kg</b>								
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: <b>lcs-67698</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67698</b>	RunNo: <b>88315</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131955</b> Units: <b>mg/Kg</b>								
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: <b>mb-67698</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67698</b>	RunNo: <b>88315</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131956</b> Units: <b>mg/Kg</b>								
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

### 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  $6.0^{\circ}\text{C}$ ? 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: 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

☒ Rush

Project Name:

Mallard Hm For Battery

Project #:

22E-00123-08

Project Manager:

Monica Peppin

Sampler: mjr

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (Including CF): 0.3-0.6.3 (°C)

Date Time Matrix Sample Name

5/23	9:00	5611	WS22-01	0-4
	9:05		WS22-02	0-4
	9:10		WS22-03	0-4
	9:15		WS22-04	0-4
	9:20		WS22-05	0-4
	9:25		WS22-06	0-4
	9:30		WS22-07	0-4
	9:35		WS22-08	0-4
	9:40		WS22-09	0-4
	9:45		WS22-10	0-4
	9:50		WS22-11	0-4
	9:55		WS22-12	0-4


Relinquished by:



Relinquished by:



Received by:



Via:

Date Time 5/23/22 11:00

Received by:



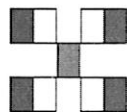
Via:

Date Time 5/23/22 7:15

Remarks:

cc: m. Peppin

Directed 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	
(C)F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	✓
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	

BTEX / MTBE / TMB's (8021)	✓
----------------------------	---



## 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 OFI): 0.3-0.3 (°C)

Date Time Matrix Sample Name

5/23	10:00	50:1	WS22-13	0-4
	10:05	1	WS22-14	0-4
	10:10		WS22-15	0-4
	10:15		WS22-16	0-4
	10:20		WS22-17	0-4
	10:25		WS22-18	0-4
	10:30		WS22-19	0-4
	10:35		WS22-20	0-4
	10:40		WS22-21	0-4
	10:45		WS22-22	0-4
	10:50		WS22-23	0-4
	10:55		WS22-24	0-4

Date: Time: Relinquished by:

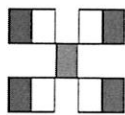
Relinquished by:

Received by: Via: Date Time

Date Time

Remarks:

Direct bill EOB

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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
----------------------------	----------------------------	----------------------------	--------------------	--------------------------	---------------	--	------------	-----------------	---------------------------------

✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Received by: Via: Date Time

Relinquished by:

Date: Time: Relinquished by:

Received by: Via: Date Time

Date Time

Remarks:

Direct bill EOB



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
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TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report

Lab Order 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/1/2022 6:53:01 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	120	60		mg/Kg	20	6/1/2022 7:30:04 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

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

Page 2 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2400	60		mg/Kg	20	6/1/2022 7:42:26 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

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

Page 3 of 29



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1700	60		mg/Kg	20	6/1/2022 7:54:46 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 4 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	140	60		mg/Kg	20	6/1/2022 8:07:07 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 5 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	77	61		mg/Kg	20	6/1/2022 8:19:28 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 6 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	100	60		mg/Kg	20	6/1/2022 8:31:49 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 7 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/1/2022 8:44:09 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 8 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	480	60		mg/Kg	20	6/1/2022 9:21:14 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 9 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	750	60		mg/Kg	20	6/1/2022 9:33:35 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-11 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	700	60		mg/Kg	20	6/1/2022 9:45:56 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 11 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1900	60		mg/Kg	20	6/1/2022 9:58:17 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 12 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/1/2022 10:10:37 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 13 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/1/2022 10:22:58 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 14 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	320	59		mg/Kg	20	6/1/2022 10:35:19 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-16 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	250	60		mg/Kg	20	6/1/2022 10:47:39 PM	67840
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 16 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2300	150		mg/Kg	50	6/2/2022 10:52:13 AM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 17 of 29



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	3200	150		mg/Kg	50	6/2/2022 11:04:37 AM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 18 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	740	60		mg/Kg	20	6/1/2022 11:49:24 PM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 19 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	480	60		mg/Kg	20	6/2/2022 12:01:45 AM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	550	60		mg/Kg	20	6/2/2022 12:14:05 AM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1900	60		mg/Kg	20	6/2/2022 12:26:27 AM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 22 of 29

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	3500	150		mg/Kg	50	6/2/2022 11:17:01 AM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-24 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2400	150		mg/Kg	50	6/2/2022 11:29:25 AM	67841
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: <b>MB-67840</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67840</b>	RunNo: <b>88422</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3137024</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67840</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67840</b>	RunNo: <b>88422</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3137025</b>	Units: <b>mg/Kg</b>							
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: <b>MB-67841</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67841</b>	RunNo: <b>88422</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3137026</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67841</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67841</b>	RunNo: <b>88422</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3137027</b>	Units: <b>mg/Kg</b>							
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.  
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: <b>MB-67678</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67678</b>		RunNo: <b>88246</b>							
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/25/2022</b>		SeqNo: <b>3130799</b>		Units: <b>%Rec</b>					
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: <b>LCS-67678</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67678</b>		RunNo: <b>88246</b>							
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/25/2022</b>		SeqNo: <b>3130800</b>		Units: <b>%Rec</b>					
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: <b>MB-67767</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67767</b>		RunNo: <b>88367</b>							
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/31/2022</b>		SeqNo: <b>3134570</b>		Units: <b>mg/Kg</b>					
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: <b>LCS-67767</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67767</b>		RunNo: <b>88367</b>							
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/31/2022</b>		SeqNo: <b>3134571</b>		Units: <b>mg/Kg</b>					
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: <b>MB-67766</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67766</b>		RunNo: <b>88246</b>							
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/28/2022</b>		SeqNo: <b>3134597</b>		Units: <b>mg/Kg</b>					
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: <b>LCS-67766</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67766</b>		RunNo: <b>88246</b>							
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/28/2022</b>		SeqNo: <b>3134598</b>		Units: <b>mg/Kg</b>					
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: <b>ics-67740</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67740</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133694</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67740</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67740</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133695</b>		Units: <b>mg/Kg</b>				
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: <b>ics-67752</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67752</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133718</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67752</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67752</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133719</b>		Units: <b>mg/Kg</b>				
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: <b>ics-67740</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67740</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133737</b>			Units: <b>mg/Kg</b>			
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			

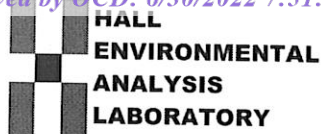
Sample ID: <b>mb-67740</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67740</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133738</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	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: <b>ics-67752</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67752</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133757</b>			Units: <b>mg/Kg</b>			
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: <b>mb-67752</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67752</b>			RunNo: <b>88354</b>						
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>5/28/2022</b>			SeqNo: <b>3133758</b>			Units: <b>mg/Kg</b>			
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: *S-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  $6.0^{\circ}\text{C}$ ? 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:

( $\leq 2$  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

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 HmFee Battery

Project #:

22E-00123

Project Manager:

Monica Peppin

Sampler: mpp

On Ice: ☒ Yes ☐ No

# of Coolers: 3

Cooler Temp (including CF): 5.00 Check 15°C

Container Type and #

402

Preservative Type

ice

HEAL No.

2205377

TPH:8015D(GRO / DRO / MRO)

BTX / MTBE / TMB's (8021)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO<sub>3</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Date:

5/24/22

Relinquished by:

[Signature]

Relinquished by:

[Signature]

Received by:

[Signature]

Via:

car

Date

5/24/22

Time

900

Remarks:

CC: M. Peppin

Direct bill EOG

5/25/22

1900

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.

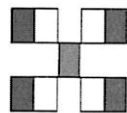
## Analysis Request

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975

Fax 505-345-4107

HALL ENVIRONMENTAL  
ANALYSIS LABORATORY

www.hallenvironmental.com

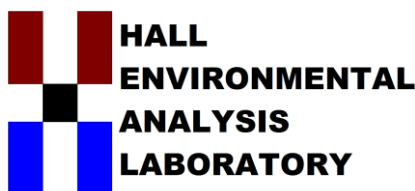
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Hall Environmental Analysis Laboratory  
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TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

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](http://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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: NAI
Chloride	610	59		mg/Kg	20	6/2/2022 9:15:05 PM	67872
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: NAI
Chloride	1300	60		mg/Kg	20	6/2/2022 9:52:07 PM	67872
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

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

Page 2 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	4100	300		mg/Kg	100	6/4/2022 7:38:43 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: NAI
Chloride	470	60		mg/Kg	20	6/2/2022 10:04:27 PM	67872
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 4 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1100	60		mg/Kg	20	6/3/2022 9:54:59 AM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 5 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1800	60		mg/Kg	20	6/3/2022 10:07:20 AM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-31 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	5500	150		mg/Kg	50	6/4/2022 7:51:07 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 7 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	83	60		mg/Kg	20	6/3/2022 10:32:00 AM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2200	60		mg/Kg	20	6/3/2022 10:44:19 AM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1200	60		mg/Kg	20	6/3/2022 11:21:21 AM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 10 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	640	60		mg/Kg	20	6/3/2022 11:33:41 AM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	4200	150		mg/Kg	50	6/4/2022 8:03:31 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1600	60		mg/Kg	20	6/2/2022 10:16:48 PM	67872
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	520	60		mg/Kg	20	6/2/2022 10:29:09 PM	67872
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1300	60		mg/Kg	20	6/2/2022 10:41:30 PM	67872
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	720	60		mg/Kg	20	6/3/2022 11:58:23 AM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-41 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1100	60		mg/Kg	20	6/3/2022 12:10:43 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 17 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	560	60		mg/Kg	20	6/3/2022 12:23:04 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-43 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/3/2022 1:00:07 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	870	60		mg/Kg	20	6/3/2022 1:12:27 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 20 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1700	60		mg/Kg	20	6/3/2022 1:49:29 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	460	60		mg/Kg	20	6/3/2022 2:01:49 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 22 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2100	60		mg/Kg	20	6/3/2022 2:14:10 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2400	60		mg/Kg	20	6/3/2022 2:26:31 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	5900	300		mg/Kg	100	6/4/2022 8:15:55 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1500	60		mg/Kg	20	6/3/2022 2:51:11 PM	67877
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	740	60		mg/Kg	20	6/3/2022 3:28:13 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 27 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	830	60		mg/Kg	20	6/3/2022 3:40:34 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 28 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	660	60		mg/Kg	20	6/3/2022 4:42:19 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 29 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1200	60		mg/Kg	20	6/3/2022 5:19:22 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 30 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	8100	300		mg/Kg	100	6/4/2022 8:28:20 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	5500	300		mg/Kg	100	6/4/2022 8:40:44 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2300	60		mg/Kg	20	6/3/2022 5:56:25 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 33 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	490	60		mg/Kg	20	6/3/2022 6:08:46 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-59 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1600	60		mg/Kg	20	6/3/2022 6:45:48 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 35 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2900	150		mg/Kg	50	6/4/2022 8:53:09 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-61 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1800	60		mg/Kg	20	6/3/2022 7:10:30 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 37 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1100	60		mg/Kg	20	6/3/2022 7:22:51 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	700	60		mg/Kg	20	6/3/2022 7:35:13 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 39 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	940	60		mg/Kg	20	6/3/2022 7:47:34 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 40 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2300	60		mg/Kg	20	6/3/2022 7:59:55 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	860	60		mg/Kg	20	6/3/2022 8:12:16 PM	67884
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 42 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	690	60		mg/Kg	20	6/3/2022 12:53:29 PM	67883
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 43 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1200	59		mg/Kg	20	6/3/2022 1:30:41 PM	67883
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 44 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	5000	150		mg/Kg	50	6/4/2022 3:43:01 PM	67883
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 45 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	740	60		mg/Kg	20	6/3/2022 2:20:19 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-71 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1200	60		mg/Kg	20	6/3/2022 2:32:43 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 47 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1300	61		mg/Kg	20	6/3/2022 2:45:07 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 48 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	10000	300		mg/Kg	100	6/4/2022 3:55:25 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/3/2022 3:34:44 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 50 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	380	60		mg/Kg	20	6/3/2022 3:47:09 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1600	60		mg/Kg	20	6/3/2022 3:59:33 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	860	60		mg/Kg	20	6/3/2022 4:11:58 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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		

Page 53 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	590	59		mg/Kg	20	6/3/2022 4:24:22 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1700	60		mg/Kg	20	6/3/2022 4:36:46 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 55 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	4300	150		mg/Kg	50	6/4/2022 4:07:49 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1800	60		mg/Kg	20	6/3/2022 5:01:35 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 57 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2500	150		mg/Kg	50	6/4/2022 4:45:02 PM	67883
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2100	60		mg/Kg	20	6/3/2022 5:51:12 PM	67883
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 59 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	4800	150		mg/Kg	50	6/4/2022 4:57:27 PM	67883
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 60 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	950	60		mg/Kg	20	6/3/2022 6:16:01 PM	67883
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 61 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1400	60		mg/Kg	20	6/3/2022 6:28:26 PM	67883
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 62 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	3100	150		mg/Kg	50	6/4/2022 5:09:51 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 63 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2600	150		mg/Kg	50	6/4/2022 5:22:15 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 64 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	3800	150		mg/Kg	50	6/4/2022 5:34:40 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 65 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/3/2022 8:20:06 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 66 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1400	60		mg/Kg	20	6/3/2022 8:57:19 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 67 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2400	150		mg/Kg	50	6/4/2022 5:47:04 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 68 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	840	60		mg/Kg	20	6/3/2022 9:46:56 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 69 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1400	60		mg/Kg	20	6/3/2022 9:59:20 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	220	60		mg/Kg	20	6/3/2022 10:11:45 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 71 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/3/2022 10:48:58 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 72 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	5100	300		mg/Kg	100	6/4/2022 5:59:28 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	3200	150		mg/Kg	50	6/4/2022 6:11:53 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1500	60		mg/Kg	20	6/3/2022 11:26:11 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 75 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	3200	150		mg/Kg	50	6/4/2022 6:24:18 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 76 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	920	60		mg/Kg	20	6/3/2022 11:50:59 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 77 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	490	60		mg/Kg	20	6/4/2022 12:03:23 AM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/4/2022 12:15:47 AM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 79 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	5800	300		mg/Kg	100	6/4/2022 6:36:42 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	3300	300		mg/Kg	100	6/4/2022 7:13:54 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	7500	300		mg/Kg	100	6/4/2022 7:26:18 PM	67890
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	5500	300		mg/Kg	100	6/6/2022 11:44:57 AM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	100	60		mg/Kg	20	6/6/2022 5:44:45 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2000	150		mg/Kg	50	6/4/2022 10:45:16 AM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	590	150		mg/Kg	50	6/4/2022 11:22:29 AM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 86 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1100	150		mg/Kg	50	6/4/2022 11:59:42 AM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 87 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	3800	150		mg/Kg	50	6/4/2022 12:12:06 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 88 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	5600	150		mg/Kg	50	6/4/2022 12:24:30 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	770	150		mg/Kg	50	6/4/2022 12:36:55 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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		

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	640	150		mg/Kg	50	6/4/2022 12:49:19 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	220	150		mg/Kg	50	6/4/2022 1:01:43 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-117 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	180	150		mg/Kg	50	6/4/2022 1:14:08 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 93 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1700	150		mg/Kg	50	6/4/2022 1:26:32 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	190	150		mg/Kg	50	6/4/2022 1:38:56 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 95 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1200	150		mg/Kg	50	6/4/2022 2:16:09 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	580	150		mg/Kg	50	6/4/2022 2:28:34 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: BS22-122 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2800	150		mg/Kg	50	6/4/2022 2:40:58 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	9600	300		mg/Kg	100	6/6/2022 11:57:21 AM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1300	150		mg/Kg	50	6/4/2022 3:05:47 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 100 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	1200	150		mg/Kg	50	6/4/2022 3:18:11 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 101 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	410	150		mg/Kg	50	6/4/2022 3:30:36 PM	67896
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 102 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	740	150		mg/Kg	50	6/6/2022 12:09:45 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 103 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	2800	150		mg/Kg	50	6/6/2022 12:22:09 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 104 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	3200	150		mg/Kg	50	6/6/2022 12:59:22 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 105 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1300	150		mg/Kg	50	6/6/2022 1:36:35 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 106 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1200	150		mg/Kg	50	6/6/2022 1:49:00 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 107 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1200	150		mg/Kg	50	6/6/2022 2:01:25 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 108 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	410	150		mg/Kg	50	6/6/2022 2:38:38 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 109 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1900	150		mg/Kg	50	6/6/2022 2:51:02 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 110 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	3500	150		mg/Kg	50	6/6/2022 3:03:27 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 111 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1100	150		mg/Kg	50	6/6/2022 3:15:51 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 112 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	840	150		mg/Kg	50	6/6/2022 3:28:16 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 113 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	840	150		mg/Kg	50	6/6/2022 4:05:29 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 114 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	560	150		mg/Kg	50	6/6/2022 4:17:54 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 115 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1800	150		mg/Kg	50	6/6/2022 4:30:18 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 116 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	3100	150		mg/Kg	50	6/6/2022 4:42:43 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 117 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1600	150		mg/Kg	50	6/6/2022 4:55:07 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 118 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1300	150		mg/Kg	50	6/6/2022 5:07:32 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 119 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	340	150		mg/Kg	50	6/6/2022 5:19:56 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 120 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1200	150		mg/Kg	50	6/6/2022 5:32:20 PM	67911
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 121 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1100	150		mg/Kg	50	6/6/2022 6:18:04 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 122 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2300	150		mg/Kg	50	6/6/2022 6:30:25 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 123 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	3500	150		mg/Kg	50	6/6/2022 6:42:46 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 124 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	750	150		mg/Kg	50	6/6/2022 6:55:07 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 125 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	130	60		mg/Kg	20	6/7/2022 10:38:53 AM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 126 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	2400	150		mg/Kg	50	6/6/2022 7:44:28 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 127 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1700	150		mg/Kg	50	6/6/2022 8:21:29 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 128 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	430	150		mg/Kg	50	6/6/2022 8:58:32 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 129 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1300	150		mg/Kg	50	6/6/2022 9:10:53 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 130 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1900	150		mg/Kg	50	6/6/2022 9:23:13 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 131 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	410	150		mg/Kg	50	6/6/2022 9:35:34 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 132 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	400	150		mg/Kg	50	6/6/2022 9:47:55 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 133 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1900	150		mg/Kg	50	6/6/2022 10:00:16 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 134 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1400	150		mg/Kg	50	6/6/2022 10:12:37 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 135 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1300	150		mg/Kg	50	6/6/2022 10:49:40 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 136 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1100	150		mg/Kg	50	6/6/2022 11:02:02 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 137 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1700	150		mg/Kg	50	6/6/2022 11:14:23 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 138 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1400	150		mg/Kg	50	6/6/2022 11:26:44 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 139 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1700	150		mg/Kg	50	6/6/2022 11:39:05 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 140 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>NAI</b>
Chloride	1500	150		mg/Kg	50	6/6/2022 11:51:26 PM	67916
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 141 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1400	150		mg/Kg	50	6/6/2022 6:46:46 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 142 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1500	150		mg/Kg	50	6/6/2022 7:24:00 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 143 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1100	150		mg/Kg	50	6/6/2022 8:01:14 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 144 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	580	150		mg/Kg	50	6/6/2022 8:13:38 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 145 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	1900	150		mg/Kg	50	6/6/2022 8:50:52 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 146 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	2200	150		mg/Kg	50	6/6/2022 9:03:16 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 147 of 169



## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	810	150		mg/Kg	50	6/6/2022 9:15:41 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 148 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	2300	150		mg/Kg	50	6/6/2022 9:28:05 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 149 of 169

## 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	2400	150		mg/Kg	50	6/6/2022 9:40:30 PM	67923
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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 150 of 169

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

WO#: 2205D09

09-Jun-22

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

Sample ID: <b>LCS-67872</b>	SampType: <b>lcs</b>			TestCode: <b>EPA Method 300.0: Anions</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67872</b>			RunNo: <b>88449</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3138047</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67877</b>	SampType: <b>mblk</b>			TestCode: <b>EPA Method 300.0: Anions</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67877</b>			RunNo: <b>88479</b>						
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3138978</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67877</b>	SampType: <b>lcs</b>			TestCode: <b>EPA Method 300.0: Anions</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67877</b>			RunNo: <b>88479</b>						
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3138979</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67884</b>	SampType: <b>mblk</b>			TestCode: <b>EPA Method 300.0: Anions</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67884</b>			RunNo: <b>88479</b>						
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3139008</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67884</b>	SampType: <b>lcs</b>			TestCode: <b>EPA Method 300.0: Anions</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67884</b>			RunNo: <b>88479</b>						
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3139009</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67883</b>	SampType: <b>mblk</b>			TestCode: <b>EPA Method 300.0: Anions</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67883</b>			RunNo: <b>88489</b>						
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3139448</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67883</b>	SampType: <b>lcs</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>67883</b>				RunNo: <b>88489</b>					
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>				SeqNo: <b>3139449</b>	Units: <b>mg/Kg</b>				
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: <b>MB-67890</b>	SampType: <b>mblk</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>PBS</b>	Batch ID: <b>67890</b>				RunNo: <b>88489</b>					
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>				SeqNo: <b>3139481</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67890</b>	SampType: <b>lcs</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>67890</b>				RunNo: <b>88489</b>					
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/3/2022</b>				SeqNo: <b>3139482</b>	Units: <b>mg/Kg</b>				
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: <b>MB-67896</b>	SampType: <b>mblk</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>PBS</b>	Batch ID: <b>67896</b>				RunNo: <b>88492</b>					
Prep Date: <b>6/4/2022</b>	Analysis Date: <b>6/4/2022</b>				SeqNo: <b>3139610</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67896</b>	SampType: <b>lcs</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>67896</b>				RunNo: <b>88492</b>					
Prep Date: <b>6/4/2022</b>	Analysis Date: <b>6/4/2022</b>				SeqNo: <b>3139611</b>	Units: <b>mg/Kg</b>				
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: <b>MB-67916</b>	SampType: <b>mblk</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>PBS</b>	Batch ID: <b>67916</b>				RunNo: <b>88518</b>					
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/6/2022</b>				SeqNo: <b>3141021</b>	Units: <b>mg/Kg</b>				
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: <b>LCS-67916</b>	SampType: <b>lcs</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>67916</b>				RunNo: <b>88518</b>					
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/6/2022</b>				SeqNo: <b>3141022</b>	Units: <b>mg/Kg</b>				
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: <b>MB-67911</b>	SampType: <b>mblk</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>PBS</b>	Batch ID: <b>67911</b>				RunNo: <b>88498</b>					
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/6/2022</b>				SeqNo: <b>3141289</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67911</b>	SampType: <b>lcs</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>67911</b>				RunNo: <b>88498</b>					
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/6/2022</b>				SeqNo: <b>3141290</b>	Units: <b>mg/Kg</b>				
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: <b>MB-67923</b>	SampType: <b>mblk</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>PBS</b>	Batch ID: <b>67923</b>				RunNo: <b>88498</b>					
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/6/2022</b>				SeqNo: <b>3141324</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67923</b>	SampType: <b>lcs</b>				TestCode: <b>EPA Method 300.0: Anions</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>67923</b>				RunNo: <b>88498</b>					
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/6/2022</b>				SeqNo: <b>3141325</b>	Units: <b>mg/Kg</b>				
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: <b>LCS-67823</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67823</b>			RunNo: <b>88383</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136280</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67823</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67823</b>			RunNo: <b>88383</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136281</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67802</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67802</b>			RunNo: <b>88418</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136875</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67822</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67822</b>			RunNo: <b>88405</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3136879</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67822</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67822</b>			RunNo: <b>88405</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3136888</b>		Units: <b>mg/Kg</b>				
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.  
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: <b>LCS-67802</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67802</b>			RunNo: <b>88418</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136893</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67844</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67844</b>			RunNo: <b>88406</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3136965</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67844</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67844</b>			RunNo: <b>88406</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3136966</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67803</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67803</b>			RunNo: <b>88405</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3137666</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67803</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67803</b>			RunNo: <b>88405</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3137667</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67824</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67824</b>			RunNo: <b>88443</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3138091</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67829</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67829</b>			RunNo: <b>88443</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3138092</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67852</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67852</b>			RunNo: <b>88443</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3138093</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67824</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67824</b>			RunNo: <b>88443</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3138094</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67829</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67829</b>			RunNo: <b>88443</b>						
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>			SeqNo: <b>3138095</b>		Units: <b>mg/Kg</b>				
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: <b>MB-67852</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67852</b>	RunNo: <b>88443</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3138096</b> Units: <b>mg/Kg</b>								
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: <b>MB-67821</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67821</b>	RunNo: <b>88418</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3138396</b> Units: <b>mg/Kg</b>								
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: <b>LCS-67821</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67821</b>	RunNo: <b>88418</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3138397</b> Units: <b>mg/Kg</b>								
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: <b>MB-67852</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67852</b>	RunNo: <b>88444</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3139875</b> Units: <b>mg/Kg</b>								
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: <b>MB-67852</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67852</b>	RunNo: <b>88418</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3139975</b> Units: <b>mg/Kg</b>								
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: <b>MB-67864</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67864</b>	RunNo: <b>88418</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3139981</b> Units: <b>mg/Kg</b>								
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: <b>LCS-67864</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67864</b>	RunNo: <b>88418</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3139982</b> Units: <b>mg/Kg</b>								
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: <b>MB-67929</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67929</b>	RunNo: <b>88541</b>								
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141981</b> Units: <b>%Rec</b>								
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: <b>LCS-67929</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67929</b>	RunNo: <b>88541</b>								
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141982</b> Units: <b>%Rec</b>								
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.  
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: <b>ics-67777</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67777</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135016</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67777</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67777</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135017</b>		Units: <b>mg/Kg</b>				
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: <b>ics-67778</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67778</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135040</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67778</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67778</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135041</b>		Units: <b>mg/Kg</b>				
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: <b>ics-67793</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67793</b>			RunNo: <b>88409</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136374</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67793</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67793</b>			RunNo: <b>88409</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136375</b>		Units: <b>mg/Kg</b>				
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

Page 159 of 169

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

WO#: 2205D09

09-Jun-22

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

Sample ID: <b>mb-67793</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67793</b>		RunNo: <b>88409</b>							
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>		SeqNo: <b>3136375</b>		Units: <b>mg/Kg</b>					
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: <b>lcs-67807</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67807</b>		RunNo: <b>88409</b>							
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>		SeqNo: <b>3136398</b>		Units: <b>mg/Kg</b>					
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: <b>mb-67807</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67807</b>		RunNo: <b>88409</b>							
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>		SeqNo: <b>3136399</b>		Units: <b>mg/Kg</b>					
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: <b>lcs-67809</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67809</b>		RunNo: <b>88413</b>							
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>		SeqNo: <b>3136645</b>		Units: <b>mg/Kg</b>					
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: <b>lcs-67812</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67812</b>		RunNo: <b>88413</b>							
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>		SeqNo: <b>3136646</b>		Units: <b>mg/Kg</b>					
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: <b>mb-67809</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67809</b>		RunNo: <b>88413</b>							
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>		SeqNo: <b>3136647</b>		Units: <b>mg/Kg</b>					
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: <b>mb-67809</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67809</b>	RunNo: <b>88413</b>								
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3136647</b> Units: <b>mg/Kg</b>								
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: <b>mb-67812</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67812</b>	RunNo: <b>88413</b>								
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3136648</b> Units: <b>mg/Kg</b>								
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: <b>lcs-67828</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67828</b>	RunNo: <b>88440</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137539</b> Units: <b>mg/Kg</b>								
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: <b>mb-67828</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67828</b>	RunNo: <b>88440</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137540</b> Units: <b>mg/Kg</b>								
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: <b>lcs-67831</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67831</b>	RunNo: <b>88440</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137563</b> Units: <b>mg/Kg</b>								
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: <b>mb-67831</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67831</b>	RunNo: <b>88440</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137564</b> Units: <b>mg/Kg</b>								
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: <b>mb-67831</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67831</b>	RunNo: <b>88440</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137564</b> Units: <b>mg/Kg</b>								
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.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix interference

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

Page 162 of 169

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

WO#: 2205D09

09-Jun-22

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

Sample ID: <b>lcs-67777</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67777</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135071</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67777</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67777</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135072</b>		Units: <b>mg/Kg</b>				
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: <b>lcs-67778</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67778</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135095</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67778</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67778</b>			RunNo: <b>88377</b>						
Prep Date: <b>5/29/2022</b>	Analysis Date: <b>5/31/2022</b>			SeqNo: <b>3135096</b>		Units: <b>mg/Kg</b>				
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: <b>lcs-67793</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67793</b>			RunNo: <b>88409</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136440</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67793</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67793</b>			RunNo: <b>88409</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136441</b>		Units: <b>mg/Kg</b>				
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: <b>lcs-67807</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67807</b>			RunNo: <b>88409</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136464</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67807</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67807</b>			RunNo: <b>88409</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136465</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67809</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67809</b>			RunNo: <b>88413</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136698</b>		Units: <b>mg/Kg</b>				
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: <b>LCS-67812</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67812</b>			RunNo: <b>88413</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136699</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67809</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67809</b>			RunNo: <b>88413</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136700</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67812</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67812</b>			RunNo: <b>88413</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136701</b>		Units: <b>mg/Kg</b>				
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.  
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: <b>lcs-67828</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67828</b>			RunNo: <b>88440</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3137580</b>			Units: <b>mg/Kg</b>			
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: <b>mb-67828</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67828</b>			RunNo: <b>88440</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3137581</b>			Units: <b>mg/Kg</b>			
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: <b>lcs-67831</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67831</b>			RunNo: <b>88440</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3137604</b>			Units: <b>mg/Kg</b>			
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: <b>mb-67831</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67831</b>			RunNo: <b>88440</b>						
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>			SeqNo: <b>3137605</b>			Units: <b>mg/Kg</b>			
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: <b>2205d09-046ams</b>		SampType: <b>MS4</b>		TestCode: <b>EPA Method 8260B: Volatiles Short List</b>						
Client ID: <b>BS22-70 4'</b>		Batch ID: <b>67798</b>		RunNo: <b>88446</b>						
Prep Date: <b>5/31/2022</b>		Analysis Date: <b>6/2/2022</b>		SeqNo: <b>3137798</b>		Units: <b>mg/Kg</b>				
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#: 2205D09

09-Jun-22

Client: EOG

Project: Mallard HM Fee Battery

Sample ID: <b>lcs-67798</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>67798</b>			RunNo: <b>88415</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136802</b>		Units: <b>mg/Kg</b>				
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: <b>mb-67798</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>67798</b>			RunNo: <b>88415</b>						
Prep Date: <b>5/31/2022</b>	Analysis Date: <b>6/1/2022</b>			SeqNo: <b>3136803</b>		Units: <b>mg/Kg</b>				
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

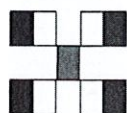






## Chain-of-Custody Record

Client: EOG		Turn-Around Time: 5 Day	
Mailing Address: Chase Seattle		<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush	
Phone #: 206-20123		Project Name: Mallard HM Fee Battery	
email or Fax#: 206-20123		Project #: 206-20123	
QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		Project Manager: Monica Peppin	
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other		Sampler: MJP	
<input type="checkbox"/> EDD (Type)		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
# of Coolers: 3		Cooler Temp (including CFI): See 1st page (°C)	
Date	Time	Matrix	Sample Name
6/25	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:	Received by:
5/27/22	1900	[Signature]	[Signature]
Date:	Time:	Relinquished by:	Received by:
5/27/22	1900	[Signature]	[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	CLF, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
MTBE / TMB's (8021)	✓	✓	✓	✓	✓	✓	✓	✓
BTEX	✓	✓	✓	✓	✓	✓	✓	✓
HEAL No. 2205D09	402	100	013	014	015	016	017	018
019	020	021	022	023	024			

Remarks:

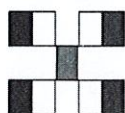
cc: m. Peppin

Direct bill EOG



## Chain-of-Custody Record

Turn-Around Time: 5 Day		<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush	
Project Name: Mallard HM Fee Battery		Project #:	
Project Manager:		Sampler:	
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		# of Coolers: 3	
Cooler Temp (including CP): See 1st page (°C)		HEAL No. 2205009	
Date	Time	Matrix	Sample Name
5/25	9:30	Soil	BS22-49 4'
	9:35		BS22-50 4'
	9:40		BS22-51 4'
	9:45		BS22-52 4'
	9:50		BS22-53 4'
	9:55		BS22-54 4'
	10:00		BS22-55 4'
	10:05		BS22-56 4'
	10:10		BS22-57 4'
	10:15		BS22-58 4'
	10:20		BS22-59 4'
	10:25		BS22-60 4'
Date:	Time:	Relinquished by:	Received by:
5/25/22	10:00		
Date:	Time:	Relinquished by:	Received by:
5/25/22	10:00		



# 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)	X	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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>		8260 (VOA)		8270 (Semi-VOA)		Total Coliform (Present/Absent)	
----------------------------	---	----------------------------	--	----------------------------	--	--------------------	--	--------------------------	--	---------------	--	---	--	------------	--	-----------------	--	---------------------------------	--

Remarks:

cc: M. Peppin

Direct bill EOG

3



## Chain-of-Custody Record

Client: <u>EOG</u>		Turn-Around Time: <u>5 Day</u>					
Mailing Address: <u>Chase Settle</u>		<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush					
Phone #: _____		Project Name: <u>Mallard HM Fuel Battery</u>					
email or Fax#: _____		Project #: <u>22E-00123</u>					
QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		Project Manager: <u>Monica Peppin</u>					
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other _____		Sampler: <u>MJP</u>					
<input type="checkbox"/> EDD (Type) _____		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
		# of Coolers: <u>3</u>					
		Cooler Temp (including CF): <u>See 1<sup>st</sup> page</u> (°C)					
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	
7/25	10:30	Soil	B522-61	402	ice	2205209	
	10:35		B522-62			037	
	10:40		B522-63			038	
	10:45		B522-64			039	
	10:50		B522-65			040	
	10:55		B522-66			041	
	11:00		B522-67			042	
	11:05		B522-68			043	
	11:10		B522-69			044	
	11:15		B522-70			045	
	11:20		B522-71			046	
	11:25		B522-72			047	
						048	
Date:	Time:	Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>	Via:	Date	Time
7/27/22	1900	Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>	Via:	5/27/22	900


**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, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>  
☐ 8260 (VOA)  
☐ 8270 (Semi-VOA)  
☐ Total Coliform (Present/Absent)

Remarks:

CC: M. Peppin

Direct bill EOG







## 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 1<sup>st</sup> page (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5/25	12:30	Soil	BS22-85	402	ice	2205009
5/25	12:35		BS22-86			061
5/25	12:40		BS22-87			062
5/25	12:45		BS22-88			063
5/25	12:50		BS22-89			064
5/25	12:55		BS22-90			065
5/24	11:30		BS22-91			066
5/24	11:35		BS22-92			067
5/24	11:40		BS22-93			068
5/24	11:45		BS22-94			069
5/24	11:50		BS22-95			070
5/24	11:55		BS22-96			071
						072

Relinquished by:

Date:

Received by:

Date

Time

Remarks:

CC: M. Peppin

Relinquished by:

Date:

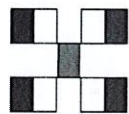
Received by:

Date

Time

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, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	✓
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	







## Chain-of-Custody Record

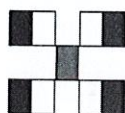
Client: EOG  
 Mailing Address: Chase Settle  
 Phone #: \_\_\_\_\_  
 email or Fax#: \_\_\_\_\_  
 QA/QC Package: \_\_\_\_\_  
☐ Standard ☐ Level 4 (Full Validation)  
 Accreditation: ☐ Az Compliance  
☐ NELAC ☐ Other \_\_\_\_\_  
☐ EDD (Type) \_\_\_\_\_

Turn-Around Time: 5 Day  
☒ Standard ☒ Rush  
 Project Name: Mallard HMFce 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]

Received by: [Signature] Date: 5/27/22 Time: 900  
 Received by: [Signature] Date: 5/28/22 Time: 0800



# 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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
<input checked="" type="checkbox"/> BTEX / MTBE / TMB's (8021)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

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)

Container Type and #

Preservative Type

HEAL No.

2205209

133

134

135

136

137

138

139

140

141

142

143

144

Relinquished by: [Signature]

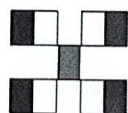
Relinquished by: [Signature]

Date: 5/27/22

Date: 5/27/22

Time: 1900

Time: 1900



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/26	10:05	Soil	WS22-31 12-16'	402	ice	2205209	✓					✓			
	10:16		WS22-32 4-8'												
	10:15		WS22-32 8-12'												
	10:20		WS22-32 12-16'												
	10:25		WS22-33 4-8'												
	10:30		WS22-33 8-12'												
	10:35		WS22-33 12-16'												
	10:40		WS22-34 4-8'												
	10:45		WS22-34 8-12'												
	10:50		WS22-34 12-16'												
	10:55		WS22-35 4-8'												
	11:00		WS22-35 8-12'												

Remarks:

cc: M. Peppin

Direct bill EOG

12

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  
Chase Sattle  
 Mailing Address:

Turn-Around Time: 5 Day  
☒ Standard ☒ Rush  
 Project Name: Mallard HM Fire Battery  
 Project #: 02E-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 CF): See 1st page (°C)

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'

Container Type and #	Preservative Type	HEAL No.
402	ice	2205 D09
		145
		146
		147
		148
		149
		2205 D09
		14150

Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: [Signature]  
 Date: 5/27/22 Time: 1900  
 Relinquished by: ae

Received by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Via: \_\_\_\_\_  
 Received by: cmc courier Date: 5/28/22 Time: 0800  
 Via: \_\_\_\_\_

## 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, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub> ☒  
 8260 (VOA) ☒  
 8270 (Semi-VOA) ☒  
 Total Coliform (Present/Absent) ☒  
 BTEX / MTBE / TMB's (8021) ☒

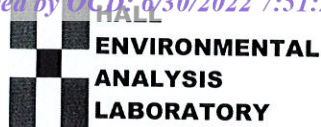
Remarks:

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  $6.0^{\circ}\text{C}$ ? 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](http://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](http://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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LRN
Chloride	ND	60		mg/Kg	20	6/22/2022 12:27:25 PM	68287
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							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
<b>EPA METHOD 8021B: VOLATILES</b>							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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	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: <b>MB-68287</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>68287</b>	RunNo: <b>88947</b>								
Prep Date: <b>6/22/2022</b>	Analysis Date: <b>6/22/2022</b>	SeqNo: <b>3159736</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-68287</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>68287</b>	RunNo: <b>88947</b>								
Prep Date: <b>6/22/2022</b>	Analysis Date: <b>6/22/2022</b>	SeqNo: <b>3159737</b>	Units: <b>mg/Kg</b>							
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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Page 2 of 5

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

WO#: 2206B24

24-Jun-22

**Client:** EOG  
**Project:** Mallard

Sample ID: <b>LCS-68282</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>68282</b>		RunNo: <b>88913</b>							
Prep Date: <b>6/22/2022</b>	Analysis Date: <b>6/22/2022</b>		SeqNo: <b>3158877</b>		Units: <b>mg/Kg</b>					
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: <b>MB-68282</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>68282</b>		RunNo: <b>88913</b>							
Prep Date: <b>6/22/2022</b>	Analysis Date: <b>6/22/2022</b>		SeqNo: <b>3158878</b>		Units: <b>mg/Kg</b>					
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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	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: <b>mb</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>A88935</b>			RunNo: <b>88935</b>						
Prep Date:	Analysis Date: <b>6/22/2022</b>			SeqNo: <b>3158893</b>		Units: <b>mg/Kg</b>				
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: <b>2.5ug gro lcs</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>A88935</b>			RunNo: <b>88935</b>						
Prep Date:	Analysis Date: <b>6/22/2022</b>			SeqNo: <b>3158894</b>		Units: <b>mg/Kg</b>				
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: <b>mb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>C88935</b>	RunNo: <b>88935</b>								
Prep Date:	Analysis Date: <b>6/22/2022</b>	SeqNo: <b>3158937</b>	Units: <b>mg/Kg</b>							
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: <b>100ng btex lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>C88935</b>	RunNo: <b>88935</b>								
Prep Date:	Analysis Date: <b>6/22/2022</b>	SeqNo: <b>3158938</b>	Units: <b>mg/Kg</b>							
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.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix interference

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



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

## Sample Log-In Check List

Client Name: EOG

Work Order Number: 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  $6.0^{\circ}\text{C}$ ? 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			

# Chain-of-Custody Record

Client:

EOG

Mailing Address:

Off File

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 2-3 days

☐ Standard

☒ Rush Sampling

Project Name: Mairand

Project #:

22E-0023-008

Project Manager:

Monica Deppin

Sampler: CD

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 5.0 ± 0.1 ± 5.1 (°C)

Container Type and #

402 ICE

Preservative Type

2200824

HEAL No.

201

Date:

Time:

Relinquished by:

Received by:

Via:

Date Time

Remarks:

Direct Bill Chase Seattle

Relinquished by:

Time:

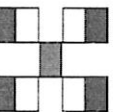
Received by:

Via:

Date Time

Remarks:

CC: Chance Dixon



**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<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>  
8260 (VOA)  
8270 (Semi-VOA)  
Total Coliform (Present/Absent)

**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 121737

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 121737
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	7/11/2022