

Incident ID	NAPP2213834095
District RP	
Facility ID	
Application ID	

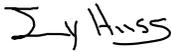
## Closure

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

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

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

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

Printed Name: Jeremy Haass Title: S&E Specialist  
 Signature:  Date: 8/21/2022  
 email: jeremy\_haass@eogresources.com Telephone: 575-748-4311

**OCD Only**  
 Received by: Jocelyn Harimon Date: 08/22/2022

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

Closure Approved by:  Date: 11/28/2022  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

**EOG Resources, Inc.  
Catclaw / Huisache Battery**

**Closure Report**

**H-02-20S-24E  
Eddy County, New Mexico**

**nAPP2213834095**

**May 16, 2022**



**Prepared for:**

**EOG Resources, Inc.  
104 S. 4<sup>th</sup> Street  
Artesia, New Mexico 88210**

**By:**

**Safety & Environmental Solutions, Inc.  
703 East Clinton Street  
Hobbs, New Mexico 88240**

## Company Contacts

Representative	Company	Telephone	E-mail
Jeremy Haass	EOG Resources	575-748-4311	Jeremy_haass@eogresources.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

## Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was engaged by EOG Resources to perform a site assessment at the Catclaw / Huisache Battery location. SESI notified EOG that the release will likely be reportable. According to the C-141, historical impacts were discovered during the decommissioning process of the battery. This site is situated in Eddy County, Section 2, Township 20S, and Range 24E. SESI personnel performed an assessment of the site in March of 2022 based on generator knowledge of the leak location. SESI personnel mapped the leak and performed delineation.

## Surface and Ground Water

Based on the NMOCD Oil and Gas map included in this report, surface water is not present within 3,000 feet of this release. The New Mexico Office of the State Engineer records indicated an active stock water well drilled in 1953 with a depth to water at 300'. While this well remains active, the drill date of the well is not within guidance with the NMOCD as an acceptable depth to groundwater determination within a half mile radius; therefore, SESI will delineate this release to the most stringent criteria established by NMOCD.

## Characterization

On March 25, 2022, SESI personnel performed sampling to determine vertical and horizontal extent of the release. SESI advanced a total of five test trenches within the release area. The samples were properly packaged and preserved and sent to Hall Laboratories for analysis.

The results of the testing are captured in the summary below:

EOG Resources –Catclaw/Huisache Battery 3-25-2022 Soil Sample Results: Hall Environmental Laboratories - Lab Order 2203F76								
Sample ID	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)
TT-1 @ Surf	83	ND	250	360	ND	ND	ND	ND
TT-1 @ 1'	84	ND	320	420	ND	ND	ND	ND
TT-1 @ 2'	100	ND	79	170	ND	ND	ND	ND
TT-1 @ 3'	150	ND	ND	ND	ND	ND	ND	ND
TT-2 @ Surf	430	ND	9.9	ND	ND	ND	ND	ND
TT-2 @ 1'	970	ND	ND	ND	ND	ND	ND	ND
TT-2 @ 2'	640	ND	ND	ND	ND	ND	ND	ND
TT-2 @ 3'	150	ND	ND	ND	ND	ND	ND	ND
TT-3 @ Surf	85	ND	ND	ND	ND	ND	ND	ND
TT-3 @ 1'	870	ND	ND	ND	ND	ND	ND	ND
TT-3 @ 2'	180	ND	ND	ND	ND	ND	ND	ND
TT-4 @ Surf	150	ND	140	280	ND	ND	ND	ND

EOG Resources –Catclaw/Huisache Battery 3-25-2022								
Soil Sample Results: Hall Environmental Laboratories - Lab Order 2203F76								
Sample ID	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)
TT-4 @ 1'	170	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 2'	170	ND	ND	ND	ND	ND	ND	ND
TT-5 @ Surf	110	ND	640	850	ND	ND	ND	ND
TT-5 @ 1'	190	ND	380	470	ND	ND	ND	ND
TT-5 @ 3'	100	ND	87	140	ND	ND	ND	ND
TT-5 @ 5'	170	ND	ND	ND	ND	ND	ND	ND
South Surface	300	ND	ND	ND	ND	ND	ND	ND
East Surface 1	300	ND	ND	ND	ND	ND	ND	ND
East Surface 2	300	ND	ND	ND	ND	ND	ND	ND
West Surface	300	ND	ND	ND	ND	ND	ND	ND

### Remediation

Based on the results of the delineation, as indicated above, SESI, excavated the areas to a depth of 1' to 3' as applicable, to ensure impacted soil will be removed. Once the excavation was complete, additional soil samples were obtained at various points in the excavation bottom to confirm proper remediation. All contaminate soils were transported to an NMOCD approved facility for disposal.

Those confirmation samples are reported in the table below.

EOG Resources-Catclaw/Huisache Battery 4-25-2022								
Soil Sample Results: Hall Environmental Laboratories - Lab Order 2204C86								
Sample ID	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)
SP-1 @ 3'	ND	ND	ND	ND	ND	ND	ND	ND
SP-2 @ 3'	500	ND	ND	ND	ND	ND	ND	ND
SP-3 @ 3'	ND	ND	33	78	ND	ND	ND	ND
SP-4 @ 2'	ND	ND	11	ND	ND	ND	ND	ND
SP-5 @ 2'	110	ND	32	70	ND	ND	ND	ND
SP-6 @ 1'	ND	ND	42	ND	ND	ND	ND	ND
East Wall 1	ND	ND	13	ND	ND	ND	ND	ND
East Wall 2	ND	ND	28	62	ND	ND	ND	ND
West Wall 1	110	ND	45	ND	ND	ND	ND	ND
West Wall 2	ND	ND	21	ND	ND	ND	ND	ND

EOG Resources – Catclaw/Huisache Battery 4-26-2022 Soil Sample Results: Hall Environmental Laboratories - Lab Order 2204C84								
Sample ID	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)
East Wall 3	ND	ND	53	ND	ND	ND	ND	ND
West Wall 3	ND	ND	42	ND	ND	ND	ND	ND
North Wall	ND	ND	ND	ND	ND	ND	ND	ND
South Wall	ND	ND	ND	ND	ND	ND	ND	ND

As demonstrated by the laboratory analysis, no further excavation was needed to remediate this release. On 5-17-2022, EOG was notified that final confirmation sampling would be conducted on 5-20-2022. EOG notified the NMOCD on 5-18-2022 of the scheduled final confirmation sampling.

The final confirmation sampling was conducted on 5-20-2022 according to the above-mentioned notifications.

The results of the confirmation samples are contained in the table below.

EOG Resources – Catclaw/Huisache Battery 5-20-2022 Soil Sample Results: Hall Environmental Laboratories - Lab Order 2204C86								
Sample ID	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)
AH-1 3ft	<60	<5.0	<9.6	<48	<0.025	<0.050	<0.050	<0.10
AH-2 3Ft	<60	<4.7	<9.8	<49	<0.024	<0.047	<0.047	<0.095
AH-3 3Ft	<60	<4.6	<8.3	<42	<0.023	<0.046	<0.046	<0.092
AH-4 2Ft	<60	<5.0	<9.0	<45	<0.025	<0.050	<0.050	<0.099
AH-5 2Ft	<60	<4.8	<9.4	<47	<0.024	<0.048	<0.048	<0.096
North Wall	<60	<4.9	<9.8	<49	<0.025	<0.049	<0.049	<0.098
South Wall	<60	<4.9	<9.2	<46	<0.025	<0.049	<0.049	<0.098
West Wall 1	<60	<4.9	<9.7	<48	<0.025	<0.049	<0.049	<0.098
West Wall 2	<59	<5.0	<9.9	<50	<0.025	<0.050	<0.050	<0.099
East Wall 1	<60	<4.9	<9.3		<0.025	<0.049	<0.049	<0.098
East Wall 2	<60	<5.0	<9.9		<0.025	<0.050	<0.050	<0.10
AH-1 3ft	<60	<5.0	<9.6		<0.025	<0.050	<0.050	<0.10

AAAs demonstrated by the laboratory analysis; no further excavation was needed to remediate this release. Subsequently, the site was backfilled with native soil. Pictures of the remediation are included in this report. The Vertical extent of the release was determined at a depth of 1' to 3'. Confirmation samples of the depth, and side walls showed no further migration. With these results in hand, SESI was confident the observed areas at the battery were properly remediated and ready for backfill with native soil. Pictures and other supporting material are contained further in this report.

## **Closure Request**

Based on the confirmation and horizontal sample results, SESI believes the release areas to be properly remediated according to the closure criteria set forth in Table I of the Spill Rule 19.15.29 NMAC. Therefore, SESI, on behalf of EOG Resources respectfully requests closure of this release. Supplemental information has been included in this report to support our closure request.

## **Supplemental Documentation for Closure**

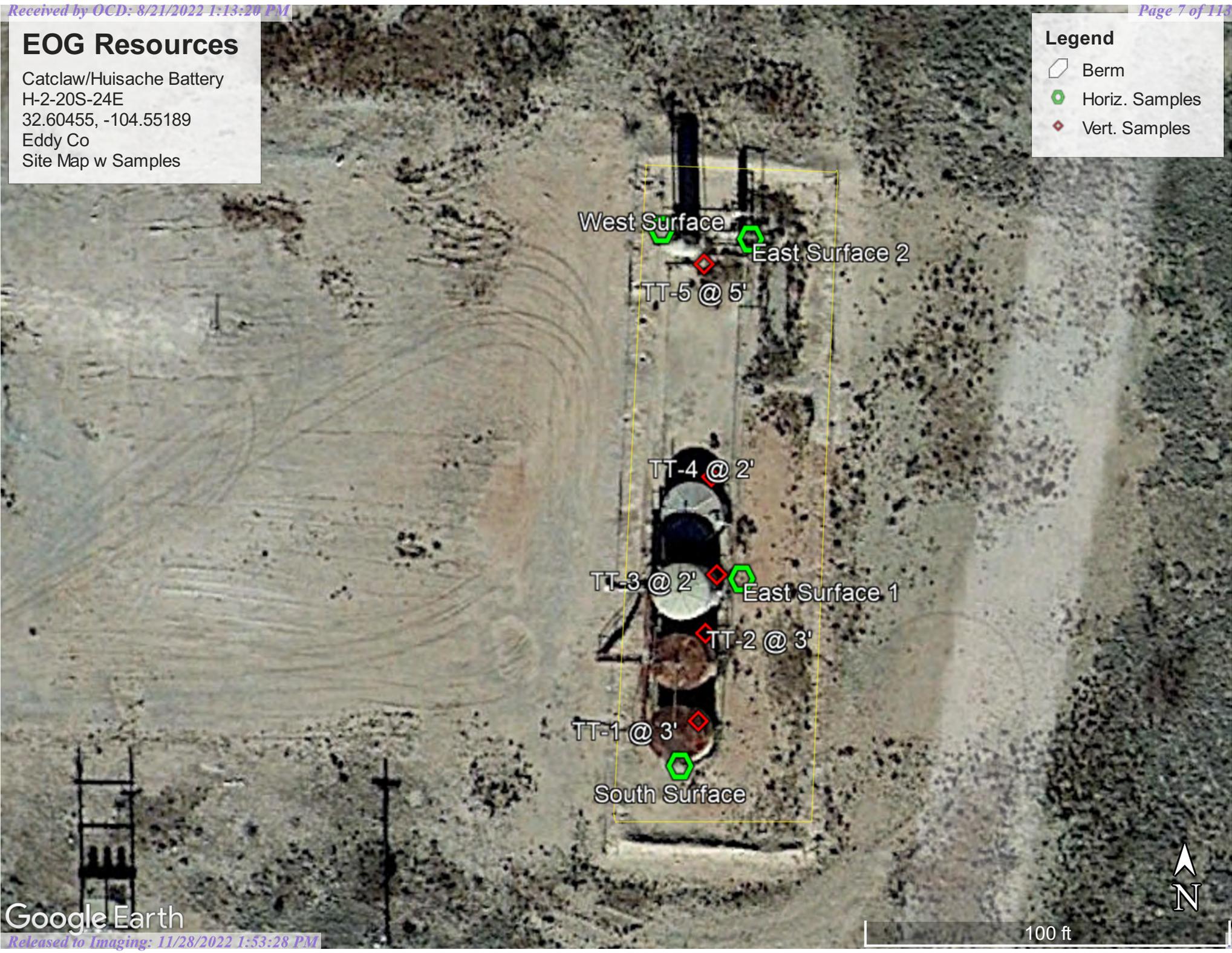
- Map of Release with sample locations
- NMOCD Oil and Gas Map
- NMOCD Karst Map
- FEMA Floodplain Map
- Photos of release and remediation
- Email from SESI to EOG
- Email from EOG to NMOCD
- Laboratory Analysis
- C-141, pages 1-6

# EOG Resources

Catclaw/Huisache Battery  
H-2-20S-24E  
32.60455, -104.55189  
Eddy Co  
Site Map w Samples

**Legend**

-  Berm
-  Horiz. Samples
-  Vert. Samples

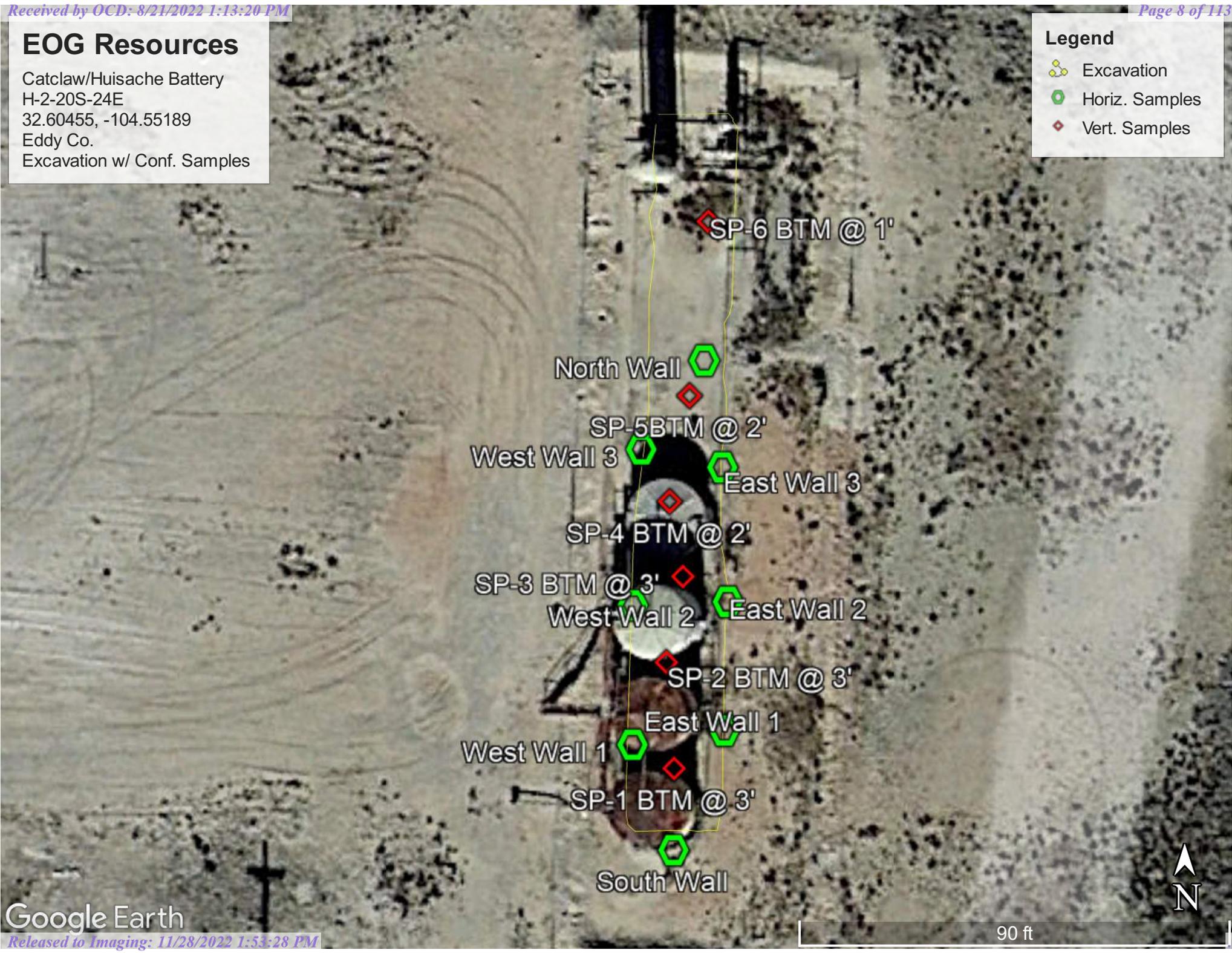


# EOG Resources

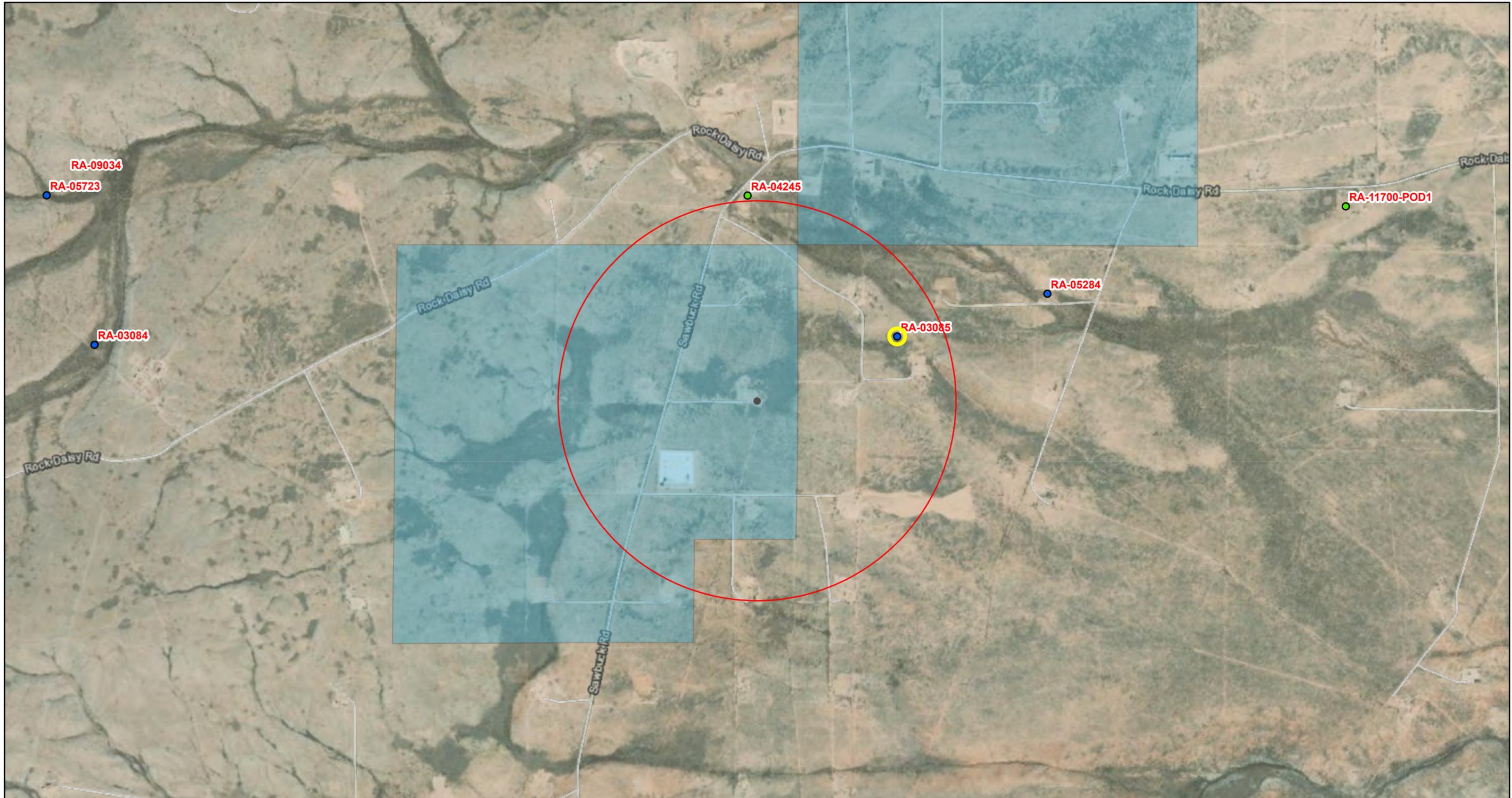
Catclaw/Huisache Battery  
H-2-20S-24E  
32.60455, -104.55189  
Eddy Co.  
Excavation w/ Conf. Samples

**Legend**

-  Excavation
-  Horiz. Samples
-  Vert. Samples



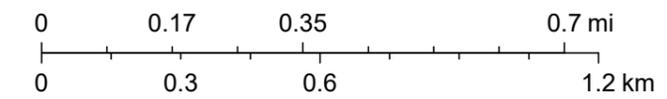
# OSE POD Locations Map



5/15/2022, 2:57:06 PM

- |  |   |   |
|--|---|---|
| GIS WATERS PODs                              | <span style="border: 1px solid red; display: inline-block; width: 15px; height: 10px;"></span> OSE District Boundary    | <span style="background-color: lightblue; display: inline-block; width: 15px; height: 10px;"></span> New Mexico State Trust Lands |
| <span style="color: blue;">●</span> Active   | <span style="border: 1px solid gray; display: inline-block; width: 15px; height: 10px;"></span> Water Right Regulations | <span style="border: 2px dashed yellow; display: inline-block; width: 15px; height: 10px;"></span> Both Estates                   |
| <span style="color: green;">●</span> Pending | <span style="background-color: lightgray; display: inline-block; width: 15px; height: 10px;"></span> Closure Area       | <span style="border: 2px dashed yellow; display: inline-block; width: 15px; height: 10px;"></span> Site Boundaries                |

1:18,056



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

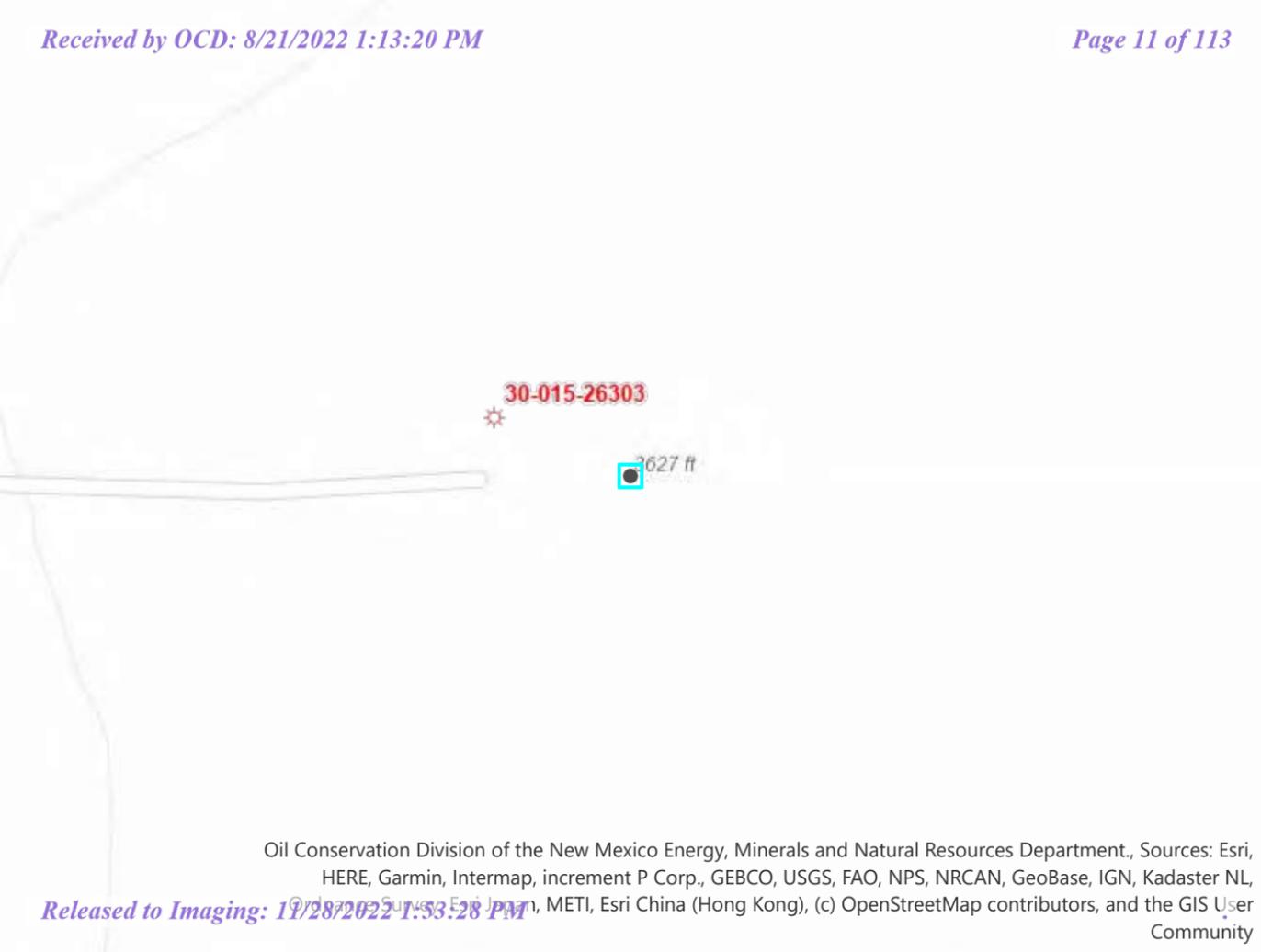
(quarters are 1=NW 2=NE 3=SW 4=SE)  
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RA 03085		1	01	20S	24E	542613	3607799*		

**Driller License:** \_\_\_\_\_ **Driller Company:** \_\_\_\_\_  
**Driller Name:** LONE STAR  
**Drill Start Date:** 06/24/1953 **Drill Finish Date:** 07/06/1953 **Plug Date:** \_\_\_\_\_  
**Log File Date:** 11/19/1953 **PCW Rev Date:** \_\_\_\_\_ **Source:** Shallow  
**Pump Type:** \_\_\_\_\_ **Pipe Discharge Size:** \_\_\_\_\_ **Estimated Yield:** \_\_\_\_\_  
**Casing Size:** 7.00 **Depth Well:** 465 feet **Depth Water:** 300 feet

Water Bearing Stratifications:	Top	Bottom	Description
	278	285	Sandstone/Gravel/Conglomerate
	285	292	Sandstone/Gravel/Conglomerate

\*UTM location was derived from PLSS - see Help  
 The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL,

# EOG Resources

Catclaw/Huisache Battery  
H-2-20S-24E  
32.60455, -104.55189  
Eddy Co  
Karst Map - High

**Legend**

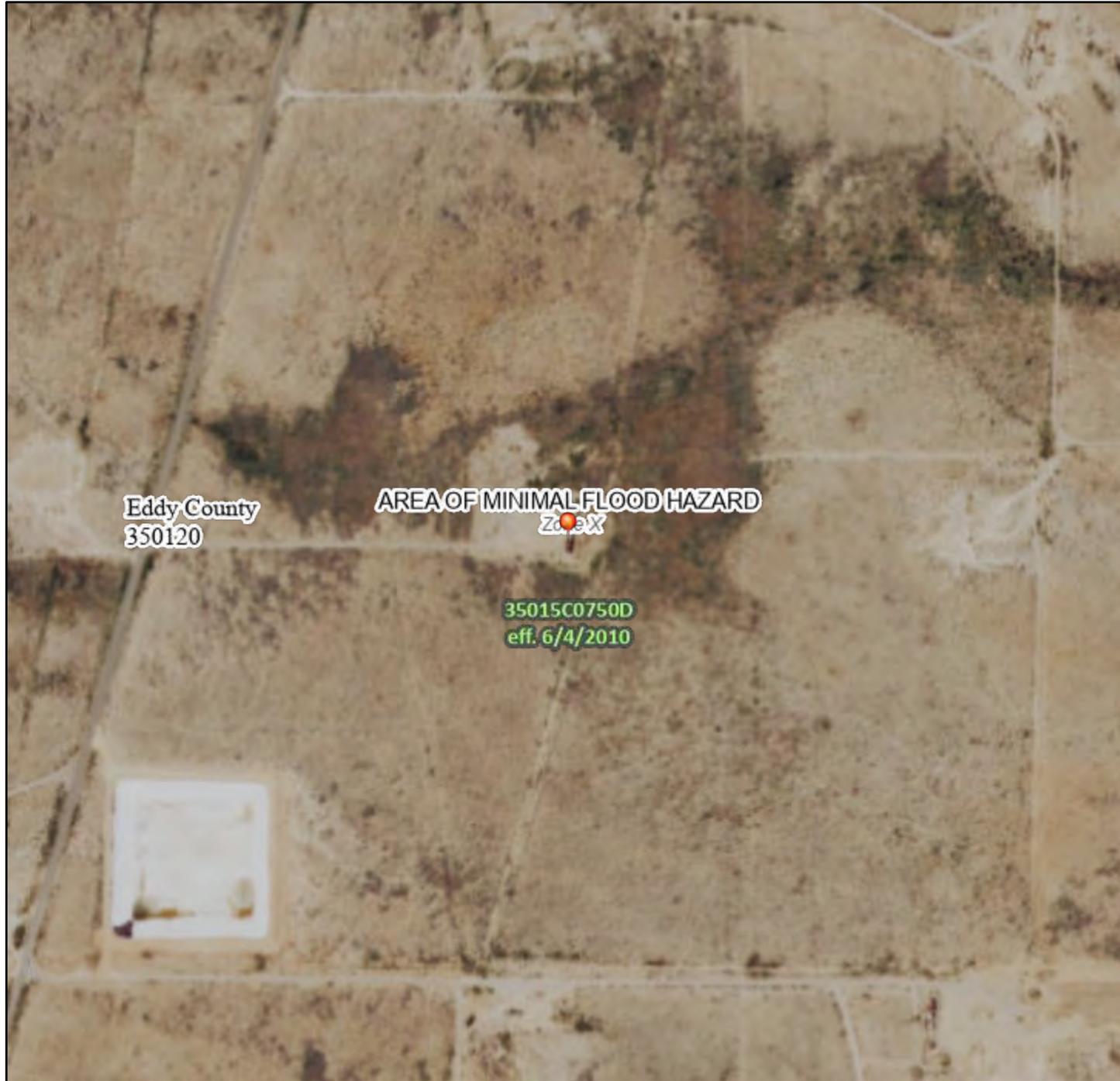
-  Berm
-  Horiz. Samples
-  Vert. Samples



# National Flood Hazard Layer FIRMette



104°33'26"W 32°36'32"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

104°32'48"W 32°36'1"N

1,500

2,000

1:6,000

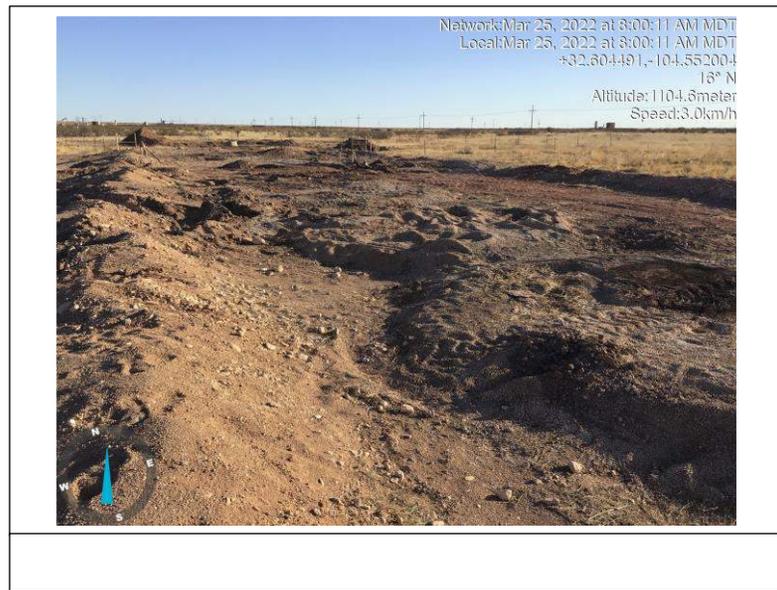
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/15/2022 at 5:01 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

# EOG Resources – Catclaw Huisache 1 Battery

## Initial Site photos, Excavation & Remediation



# EOG Resources – Catclaw Huisache 1 Battery

## Initial Site photos, Excavation & Remediation



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# EOG Resources – Catclaw Huisache 1 Battery

## Initial Site photos, Excavation & Remediation



# Thistle 3 CTB 1

## Photos



# Thistle 3 CTB 1

## Photos



**From:** [Jeremy Haass](#)  
**To:** [Bob Allen](#)  
**Subject:** FW: Catclaw/Huisache Battery (nAPP2213834095) Sampling Notification  
**Date:** Thursday, May 19, 2022 7:29:52 AM  
**Attachments:** [image001.png](#)

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FYI

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**From:** Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>  
**Sent:** Wednesday, May 18, 2022 10:54 AM  
**To:** Robert.Hamlet@state.nm.us; Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Jennifer.Nobui@state.nm.us; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)>; rmann@slo.state.nm.us; mnaranjo@slo.state.nm.us  
**Cc:** Artesia S&E Spill Remediation <[Artesia\\_S&E\\_Spill\\_Remediation@eogresources.com](mailto:Artesia_S&E_Spill_Remediation@eogresources.com)>; Artesia Regulatory <[Artesia\\_Regulatory@eogresources.com](mailto:Artesia_Regulatory@eogresources.com)>  
**Subject:** Catclaw/Huisache Battery (nAPP2213834095) Sampling Notification

Good Morning,

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

Catclaw/Huisache Battery  
H-2-20S-24E  
Eddy County, NM  
nAPP2213834095

Sampling will begin at 11:00 a.m. on Friday, May 20, 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)*



**From:** [John Harrison](#)  
**To:** [Jeremy Haass](#)  
**Cc:** [Bob Allen](#); [Sergio Contreras](#)  
**Subject:** Field Activity Notification  
**Date:** Tuesday, May 17, 2022 3:32:26 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)

Jeremy,

Please find below a field activity notification for confirmation sampling at the Catclaw, Historical Release site. We anticipate sampling to begin at 8:00 am on 5/20/22

Site Name	Catclaw/Huissache Battery
Location	H-2-20S-24E; Eddy County, NM
Incident ID	(Historical – P&A Remediation)
Source & Description of Activities	Historical release discovery from P&A Decommissioning activities. Confirmation Sampling (On pad, no new impacted areas)
Expected Duration for Activities	1 Day
Env Consultant	SESI
Contractor	BDS
C-138 Requested	
Sampling Notification Required	Anticipated Sampling 5/20/22 @ 8:00 A.M.
Core Rig Boring	N/A
Surface Owner	

**Best Regards,**

John Harrison



Safety and Environmental Solutions, Inc.  
 Office: (575) 397-0510  
 Cell: (575) 441-0251



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)

April 12, 2022

Bob Allen  
Safety & Environmental Solutions  
PO Box 1613  
Hobbs, NM 88241  
TEL: (575) 397-0510  
FAX: (575) 393-4388

RE: EOG Catclaw ST 1

OrderNo.: 2203F76

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 22 sample(s) on 3/30/2022 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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-1 Surface

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 8:30:00 AM

**Lab ID:** 2203F76-001

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	83	59		mg/Kg	20	4/6/2022 2:20:48 AM	66656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	250	9.3		mg/Kg	1	4/4/2022 9:49:57 PM	66546
Motor Oil Range Organics (MRO)	360	47		mg/Kg	1	4/4/2022 9:49:57 PM	66546
Surr: DNOP	116	51.1-141		%Rec	1	4/4/2022 9:49:57 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 1:51:14 PM	66539
Surr: BFB	98.8	37.7-212		%Rec	1	4/1/2022 1:51:14 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 1:51:14 PM	66539
Toluene	ND	0.049		mg/Kg	1	4/1/2022 1:51:14 PM	66539
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 1:51:14 PM	66539
Xylenes, Total	ND	0.097		mg/Kg	1	4/1/2022 1:51:14 PM	66539
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	4/1/2022 1:51:14 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-1 1ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 8:35:00 AM

**Lab ID:** 2203F76-002

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	84	60		mg/Kg	20	4/6/2022 2:57:50 AM	66656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	320	49		mg/Kg	5	4/4/2022 9:25:41 PM	66546
Motor Oil Range Organics (MRO)	420	240		mg/Kg	5	4/4/2022 9:25:41 PM	66546
Surr: DNOP	108	51.1-141		%Rec	5	4/4/2022 9:25:41 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 2:14:44 PM	66539
Surr: BFB	98.3	37.7-212		%Rec	1	4/1/2022 2:14:44 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 2:14:44 PM	66539
Toluene	ND	0.049		mg/Kg	1	4/1/2022 2:14:44 PM	66539
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 2:14:44 PM	66539
Xylenes, Total	ND	0.097		mg/Kg	1	4/1/2022 2:14:44 PM	66539
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	4/1/2022 2:14:44 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-1 2ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 8:50:00 AM

**Lab ID:** 2203F76-003

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	100	60		mg/Kg	20	4/6/2022 3:10:11 AM	66656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	79	9.8		mg/Kg	1	4/1/2022 6:21:19 PM	66546
Motor Oil Range Organics (MRO)	170	49		mg/Kg	1	4/1/2022 6:21:19 PM	66546
Surr: DNOP	102	51.1-141		%Rec	1	4/1/2022 6:21:19 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/1/2022 2:38:23 PM	66539
Surr: BFB	94.4	37.7-212		%Rec	1	4/1/2022 2:38:23 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 2:38:23 PM	66539
Toluene	ND	0.048		mg/Kg	1	4/1/2022 2:38:23 PM	66539
Ethylbenzene	ND	0.048		mg/Kg	1	4/1/2022 2:38:23 PM	66539
Xylenes, Total	ND	0.097		mg/Kg	1	4/1/2022 2:38:23 PM	66539
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	4/1/2022 2:38:23 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-1 3ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 10:05:00 AM

**Lab ID:** 2203F76-004

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	150	59		mg/Kg	20	4/6/2022 3:22:31 AM	66656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/1/2022 2:17:47 PM	66546
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/1/2022 2:17:47 PM	66546
Surr: DNOP	92.1	51.1-141		%Rec	1	4/1/2022 2:17:47 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/1/2022 3:02:02 PM	66539
Surr: BFB	99.6	37.7-212		%Rec	1	4/1/2022 3:02:02 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/1/2022 3:02:02 PM	66539
Toluene	ND	0.047		mg/Kg	1	4/1/2022 3:02:02 PM	66539
Ethylbenzene	ND	0.047		mg/Kg	1	4/1/2022 3:02:02 PM	66539
Xylenes, Total	ND	0.093		mg/Kg	1	4/1/2022 3:02:02 PM	66539
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	4/1/2022 3:02:02 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-2 Surface

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 10:10:00 AM

**Lab ID:** 2203F76-005

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	430	60		mg/Kg	20	4/6/2022 3:34:51 AM	66656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	9.9	9.7		mg/Kg	1	4/1/2022 2:42:01 PM	66546
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/1/2022 2:42:01 PM	66546
Surr: DNOP	104	51.1-141		%Rec	1	4/1/2022 2:42:01 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 3:25:43 PM	66539
Surr: BFB	95.2	37.7-212		%Rec	1	4/1/2022 3:25:43 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/1/2022 3:25:43 PM	66539
Toluene	ND	0.049		mg/Kg	1	4/1/2022 3:25:43 PM	66539
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 3:25:43 PM	66539
Xylenes, Total	ND	0.099		mg/Kg	1	4/1/2022 3:25:43 PM	66539
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	4/1/2022 3:25:43 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-2 1ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 10:30:00 AM

**Lab ID:** 2203F76-006

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	970	59		mg/Kg	20	4/6/2022 3:47:11 AM	66656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/1/2022 3:06:45 PM	66546
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/1/2022 3:06:45 PM	66546
Surr: DNOP	99.0	51.1-141		%Rec	1	4/1/2022 3:06:45 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/1/2022 3:49:31 PM	66539
Surr: BFB	96.9	37.7-212		%Rec	1	4/1/2022 3:49:31 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/1/2022 3:49:31 PM	66539
Toluene	ND	0.050		mg/Kg	1	4/1/2022 3:49:31 PM	66539
Ethylbenzene	ND	0.050		mg/Kg	1	4/1/2022 3:49:31 PM	66539
Xylenes, Total	ND	0.099		mg/Kg	1	4/1/2022 3:49:31 PM	66539
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	4/1/2022 3:49:31 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-2 2ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 10:45:00 AM

**Lab ID:** 2203F76-007

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	640	60		mg/Kg	20	4/6/2022 4:24:13 AM	6656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/1/2022 3:31:02 PM	66546
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/1/2022 3:31:02 PM	66546
Surr: DNOP	108	51.1-141		%Rec	1	4/1/2022 3:31:02 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 4:13:18 PM	66539
Surr: BFB	95.9	37.7-212		%Rec	1	4/1/2022 4:13:18 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/1/2022 4:13:18 PM	66539
Toluene	ND	0.049		mg/Kg	1	4/1/2022 4:13:18 PM	66539
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 4:13:18 PM	66539
Xylenes, Total	ND	0.098		mg/Kg	1	4/1/2022 4:13:18 PM	66539
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	4/1/2022 4:13:18 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-2 3ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 11:00:00 AM

**Lab ID:** 2203F76-008

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	150	60		mg/Kg	20	4/6/2022 4:36:34 AM	66656
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/1/2022 3:55:19 PM	66546
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/1/2022 3:55:19 PM	66546
Surr: DNOP	102	51.1-141		%Rec	1	4/1/2022 3:55:19 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/1/2022 4:36:54 PM	66539
Surr: BFB	98.1	37.7-212		%Rec	1	4/1/2022 4:36:54 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/1/2022 4:36:54 PM	66539
Toluene	ND	0.047		mg/Kg	1	4/1/2022 4:36:54 PM	66539
Ethylbenzene	ND	0.047		mg/Kg	1	4/1/2022 4:36:54 PM	66539
Xylenes, Total	ND	0.094		mg/Kg	1	4/1/2022 4:36:54 PM	66539
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/1/2022 4:36:54 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-3 Surface

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 11:05:00 AM

**Lab ID:** 2203F76-009

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	85	60		mg/Kg	20	4/6/2022 11:56:22 AM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/1/2022 4:19:32 PM	66546
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/1/2022 4:19:32 PM	66546
Surr: DNOP	117	51.1-141		%Rec	1	4/1/2022 4:19:32 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 5:24:03 PM	66539
Surr: BFB	94.8	37.7-212		%Rec	1	4/1/2022 5:24:03 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 5:24:03 PM	66539
Toluene	ND	0.049		mg/Kg	1	4/1/2022 5:24:03 PM	66539
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 5:24:03 PM	66539
Xylenes, Total	ND	0.097		mg/Kg	1	4/1/2022 5:24:03 PM	66539
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	4/1/2022 5:24:03 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-3 1ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 11:35:00 AM

**Lab ID:** 2203F76-010

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	870	60		mg/Kg	20	4/6/2022 12:08:43 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/1/2022 4:43:47 PM	66546
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/1/2022 4:43:47 PM	66546
Surr: DNOP	126	51.1-141		%Rec	1	4/1/2022 4:43:47 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/1/2022 5:47:56 PM	66539
Surr: BFB	101	37.7-212		%Rec	1	4/1/2022 5:47:56 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/1/2022 5:47:56 PM	66539
Toluene	ND	0.050		mg/Kg	1	4/1/2022 5:47:56 PM	66539
Ethylbenzene	ND	0.050		mg/Kg	1	4/1/2022 5:47:56 PM	66539
Xylenes, Total	ND	0.10		mg/Kg	1	4/1/2022 5:47:56 PM	66539
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/1/2022 5:47:56 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-3 2ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 12:00:00 PM

**Lab ID:** 2203F76-011

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	180	60		mg/Kg	20	4/6/2022 12:21:04 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/1/2022 5:08:01 PM	66546
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/1/2022 5:08:01 PM	66546
Surr: DNOP	83.4	51.1-141		%Rec	1	4/1/2022 5:08:01 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/1/2022 6:11:37 PM	66539
Surr: BFB	95.0	37.7-212		%Rec	1	4/1/2022 6:11:37 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/1/2022 6:11:37 PM	66539
Toluene	ND	0.046		mg/Kg	1	4/1/2022 6:11:37 PM	66539
Ethylbenzene	ND	0.046		mg/Kg	1	4/1/2022 6:11:37 PM	66539
Xylenes, Total	ND	0.093		mg/Kg	1	4/1/2022 6:11:37 PM	66539
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	4/1/2022 6:11:37 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-4 Surface

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 1:05:00 PM

**Lab ID:** 2203F76-012

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	150	60		mg/Kg	20	4/6/2022 12:33:25 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	140	9.5		mg/Kg	1	4/4/2022 10:38:19 PM	66546
Motor Oil Range Organics (MRO)	280	47		mg/Kg	1	4/4/2022 10:38:19 PM	66546
Surr: DNOP	110	51.1-141		%Rec	1	4/4/2022 10:38:19 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/1/2022 6:35:20 PM	66539
Surr: BFB	97.2	37.7-212		%Rec	1	4/1/2022 6:35:20 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/1/2022 6:35:20 PM	66539
Toluene	ND	0.050		mg/Kg	1	4/1/2022 6:35:20 PM	66539
Ethylbenzene	ND	0.050		mg/Kg	1	4/1/2022 6:35:20 PM	66539
Xylenes, Total	ND	0.099		mg/Kg	1	4/1/2022 6:35:20 PM	66539
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	4/1/2022 6:35:20 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-4 1ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 1:10:00 PM

**Lab ID:** 2203F76-013

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	170	60		mg/Kg	20	4/6/2022 12:45:45 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/1/2022 7:34:12 PM	66546
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/1/2022 7:34:12 PM	66546
Surr: DNOP	109	51.1-141		%Rec	1	4/1/2022 7:34:12 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 6:59:05 PM	66539
Surr: BFB	96.8	37.7-212		%Rec	1	4/1/2022 6:59:05 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/1/2022 6:59:05 PM	66539
Toluene	ND	0.049		mg/Kg	1	4/1/2022 6:59:05 PM	66539
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 6:59:05 PM	66539
Xylenes, Total	ND	0.099		mg/Kg	1	4/1/2022 6:59:05 PM	66539
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	4/1/2022 6:59:05 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-4 2ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 1:30:00 PM

**Lab ID:** 2203F76-014

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	170	60		mg/Kg	20	4/6/2022 12:58:06 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/1/2022 7:58:36 PM	66546
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/1/2022 7:58:36 PM	66546
Surr: DNOP	104	51.1-141		%Rec	1	4/1/2022 7:58:36 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/1/2022 7:22:52 PM	66539
Surr: BFB	99.4	37.7-212		%Rec	1	4/1/2022 7:22:52 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/1/2022 7:22:52 PM	66539
Toluene	ND	0.050		mg/Kg	1	4/1/2022 7:22:52 PM	66539
Ethylbenzene	ND	0.050		mg/Kg	1	4/1/2022 7:22:52 PM	66539
Xylenes, Total	ND	0.10		mg/Kg	1	4/1/2022 7:22:52 PM	66539
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/1/2022 7:22:52 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-5 Surface

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 1:35:00 PM

**Lab ID:** 2203F76-015

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	110	60		mg/Kg	20	4/6/2022 1:10:26 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	640	9.7		mg/Kg	1	4/1/2022 8:22:53 PM	66546
Motor Oil Range Organics (MRO)	850	48		mg/Kg	1	4/1/2022 8:22:53 PM	66546
Surr: DNOP	123	51.1-141		%Rec	1	4/1/2022 8:22:53 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/1/2022 7:46:35 PM	66539
Surr: BFB	97.5	37.7-212		%Rec	1	4/1/2022 7:46:35 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 7:46:35 PM	66539
Toluene	ND	0.048		mg/Kg	1	4/1/2022 7:46:35 PM	66539
Ethylbenzene	ND	0.048		mg/Kg	1	4/1/2022 7:46:35 PM	66539
Xylenes, Total	ND	0.097		mg/Kg	1	4/1/2022 7:46:35 PM	66539
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	4/1/2022 7:46:35 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-5 1ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 1:40:00 PM

**Lab ID:** 2203F76-016

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	190	61		mg/Kg	20	4/6/2022 1:22:47 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	380	9.9		mg/Kg	1	4/1/2022 9:35:49 PM	66546
Motor Oil Range Organics (MRO)	470	49		mg/Kg	1	4/1/2022 9:35:49 PM	66546
Surr: DNOP	111	51.1-141		%Rec	1	4/1/2022 9:35:49 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/1/2022 8:10:22 PM	66539
Surr: BFB	96.3	37.7-212		%Rec	1	4/1/2022 8:10:22 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 8:10:22 PM	66539
Toluene	ND	0.048		mg/Kg	1	4/1/2022 8:10:22 PM	66539
Ethylbenzene	ND	0.048		mg/Kg	1	4/1/2022 8:10:22 PM	66539
Xylenes, Total	ND	0.096		mg/Kg	1	4/1/2022 8:10:22 PM	66539
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	4/1/2022 8:10:22 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-5 3ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 1:50:00 PM

**Lab ID:** 2203F76-017

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	100	60		mg/Kg	20	4/6/2022 1:59:49 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	87	9.6		mg/Kg	1	4/6/2022 12:08:35 PM	66631
Motor Oil Range Organics (MRO)	140	48		mg/Kg	1	4/6/2022 12:08:35 PM	66631
Surr: DNOP	87.5	51.1-141		%Rec	1	4/6/2022 12:08:35 PM	66631
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 8:34:06 PM	66539
Surr: BFB	92.6	37.7-212		%Rec	1	4/1/2022 8:34:06 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 8:34:06 PM	66539
Toluene	ND	0.049		mg/Kg	1	4/1/2022 8:34:06 PM	66539
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 8:34:06 PM	66539
Xylenes, Total	ND	0.097		mg/Kg	1	4/1/2022 8:34:06 PM	66539
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	4/1/2022 8:34:06 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** TT-5 5ft

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 2:25:00 PM

**Lab ID:** 2203F76-018

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	170	60		mg/Kg	20	4/6/2022 2:12:10 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/1/2022 11:12:54 PM	66546
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/1/2022 11:12:54 PM	66546
Surr: DNOP	110	51.1-141		%Rec	1	4/1/2022 11:12:54 PM	66546
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/1/2022 8:57:45 PM	66539
Surr: BFB	99.1	37.7-212		%Rec	1	4/1/2022 8:57:45 PM	66539
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 8:57:45 PM	66539
Toluene	ND	0.048		mg/Kg	1	4/1/2022 8:57:45 PM	66539
Ethylbenzene	ND	0.048		mg/Kg	1	4/1/2022 8:57:45 PM	66539
Xylenes, Total	ND	0.096		mg/Kg	1	4/1/2022 8:57:45 PM	66539
Surr: 4-Bromofluorobenzene	99.9	70-130		%Rec	1	4/1/2022 8:57:45 PM	66539

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Surface

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 2:35:00 PM

**Lab ID:** 2203F76-019

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	300	60		mg/Kg	20	4/6/2022 2:24:31 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/4/2022 1:31:12 PM	66560
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 1:31:12 PM	66560
Surr: DNOP	108	51.1-141		%Rec	1	4/4/2022 1:31:12 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/1/2022 11:19:21 PM	66547
Surr: BFB	97.2	37.7-212		%Rec	1	4/1/2022 11:19:21 PM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/1/2022 11:19:21 PM	66547
Toluene	ND	0.049		mg/Kg	1	4/1/2022 11:19:21 PM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/1/2022 11:19:21 PM	66547
Xylenes, Total	ND	0.098		mg/Kg	1	4/1/2022 11:19:21 PM	66547
Surr: 4-Bromofluorobenzene	99.6	70-130		%Rec	1	4/1/2022 11:19:21 PM	66547

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Surface 1

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 2:45:00 PM

**Lab ID:** 2203F76-020

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	300	60		mg/Kg	20	4/6/2022 2:36:52 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	4/4/2022 5:11:18 PM	66560
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	4/4/2022 5:11:18 PM	66560
Surr: DNOP	102	51.1-141		%Rec	1	4/4/2022 5:11:18 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/2/2022 12:30:21 AM	66547
Surr: BFB	95.2	37.7-212		%Rec	1	4/2/2022 12:30:21 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/2/2022 12:30:21 AM	66547
Toluene	ND	0.047		mg/Kg	1	4/2/2022 12:30:21 AM	66547
Ethylbenzene	ND	0.047		mg/Kg	1	4/2/2022 12:30:21 AM	66547
Xylenes, Total	ND	0.094		mg/Kg	1	4/2/2022 12:30:21 AM	66547
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	4/2/2022 12:30:21 AM	66547

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Surface 2

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 2:55:00 PM

**Lab ID:** 2203F76-021

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	300	60		mg/Kg	20	4/6/2022 12:12:11 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	4/4/2022 5:32:32 PM	66560
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	4/4/2022 5:32:32 PM	66560
Surr: DNOP	111	51.1-141		%Rec	1	4/4/2022 5:32:32 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 1:41:06 AM	66547
Surr: BFB	100	37.7-212		%Rec	1	4/2/2022 1:41:06 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/2/2022 1:41:06 AM	66547
Toluene	ND	0.049		mg/Kg	1	4/2/2022 1:41:06 AM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 1:41:06 AM	66547
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 1:41:06 AM	66547
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	4/2/2022 1:41:06 AM	66547

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 **2203F76**

Date Reported: **4/12/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Surface

**Project:** EOG Catclaw ST 1

**Collection Date:** 3/25/2022 3:15:00 PM

**Lab ID:** 2203F76-022

**Matrix:** SOIL

**Received Date:** 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	300	61		mg/Kg	20	4/6/2022 12:24:35 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/4/2022 5:53:58 PM	66560
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/4/2022 5:53:58 PM	66560
Surr: DNOP	93.8	51.1-141		%Rec	1	4/4/2022 5:53:58 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 2:04:45 AM	66547
Surr: BFB	94.6	37.7-212		%Rec	1	4/2/2022 2:04:45 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/2/2022 2:04:45 AM	66547
Toluene	ND	0.048		mg/Kg	1	4/2/2022 2:04:45 AM	66547
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 2:04:45 AM	66547
Xylenes, Total	ND	0.097		mg/Kg	1	4/2/2022 2:04:45 AM	66547
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	4/2/2022 2:04:45 AM	66547

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#: 2203F76

12-Apr-22

**Client:** Safety & Environmental Solutions  
**Project:** EOG Catchlaw ST 1

Sample ID: <b>MB-66656</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66656</b>	RunNo: <b>87005</b>								
Prep Date: <b>4/5/2022</b>	Analysis Date: <b>4/5/2022</b>	SeqNo: <b>3075862</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-66656</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66656</b>	RunNo: <b>87005</b>								
Prep Date: <b>4/5/2022</b>	Analysis Date: <b>4/5/2022</b>	SeqNo: <b>3075863</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	92.8	90	110			

Sample ID: <b>MB-66668</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66668</b>	RunNo: <b>87045</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3077511</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-66668</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66668</b>	RunNo: <b>87045</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3077512</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	90.9	90	110			

Sample ID: <b>MB-66666</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66666</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078075</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-66666</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66666</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078076</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	92.0	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203F76

12-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw ST 1

Sample ID: <b>LCS-66523</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66523</b>	RunNo: <b>86957</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3072547</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		91.7	51.1	141			

Sample ID: <b>LCS-66546</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66546</b>	RunNo: <b>86957</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3072548</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	81.7	68.9	135			
Surr: DNOP	4.6		5.000		91.2	51.1	141			

Sample ID: <b>MB-66523</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66523</b>	RunNo: <b>86957</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3072549</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		104	51.1	141			

Sample ID: <b>MB-66546</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66546</b>	RunNo: <b>86957</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3072550</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		95.5	51.1	141			

Sample ID: <b>MB-66560</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66560</b>	RunNo: <b>86951</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073031</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		99.8	51.1	141			

Sample ID: <b>LCS-66560</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66560</b>	RunNo: <b>86951</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073033</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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203F76

12-Apr-22

**Client:** Safety & Environmental Solutions  
**Project:** EOG Catchlaw ST 1

Sample ID: <b>LCS-66560</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66560</b>	RunNo: <b>86951</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073033</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	87.7	68.9	135			
Surr: DNOP	4.0		5.000		80.0	51.1	141			

Sample ID: <b>2203F76-019AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>South Surface</b>	Batch ID: <b>66560</b>	RunNo: <b>86951</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073141</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	9.3	46.38	7.641	90.3	36.1	154			
Surr: DNOP	4.3		4.638		93.7	51.1	141			

Sample ID: <b>2203F76-019AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>South Surface</b>	Batch ID: <b>66560</b>	RunNo: <b>86951</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073142</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	10	49.95	7.641	80.3	36.1	154	3.63	33.9	
Surr: DNOP	4.1		4.995		82.6	51.1	141	0	0	

Sample ID: <b>LCS-66631</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66631</b>	RunNo: <b>87034</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3075755</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	93.3	68.9	135			
Surr: DNOP	4.3		5.000		86.2	51.1	141			

Sample ID: <b>MB-66631</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66631</b>	RunNo: <b>87034</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3075756</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	8.5		10.00		85.1	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#: 2203F76

12-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw ST 1

Sample ID: <b>2203f76-019ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>South Surface</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071321</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.8	24.11	0	120	70	130			
Surr: BFB	2100		964.3		222	37.7	212			S

Sample ID: <b>2203f76-019amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>South Surface</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/2/2022</b>	SeqNo: <b>3071322</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	4.8	24.18	0	118	70	130	1.70	20	
Surr: BFB	2100		967.1		221	37.7	212	0	0	S

Sample ID: <b>lcs-66539</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66539</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071342</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		207	37.7	212			

Sample ID: <b>lcs-66547</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071343</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		202	37.7	212			

Sample ID: <b>mb-66539</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66539</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071344</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-66547</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071345</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

# QC SUMMARY REPORT

**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F76

12-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw ST 1

Sample ID: <b>mb-66547</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071345</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	980		1000		97.8	37.7	212			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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#: 2203F76

12-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw ST 1

Sample ID: <b>2203f76-020ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>East Surface 1</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/2/2022</b>	SeqNo: <b>3071370</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.023	0.9381	0	100	68.8	120			
Toluene	0.97	0.047	0.9381	0	103	73.6	124			
Ethylbenzene	0.99	0.047	0.9381	0	105	72.7	129			
Xylenes, Total	3.0	0.094	2.814	0	107	75.7	126			
Surr: 4-Bromofluorobenzene	0.96		0.9381		102	70	130			

Sample ID: <b>2203f76-020amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>East Surface 1</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/2/2022</b>	SeqNo: <b>3071371</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.023	0.9363	0	91.8	68.8	120	8.87	20	
Toluene	0.89	0.047	0.9363	0	95.1	73.6	124	8.39	20	
Ethylbenzene	0.90	0.047	0.9363	0	96.4	72.7	129	8.86	20	
Xylenes, Total	2.7	0.094	2.809	0	96.9	75.7	126	9.84	20	
Surr: 4-Bromofluorobenzene	0.96		0.9363		102	70	130	0	0	

Sample ID: <b>LCS-66539</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66539</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071390</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	86.6	80	120			
Toluene	0.89	0.050	1.000	0	88.6	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: <b>LCS-66547</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071391</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.3	80	120			
Toluene	0.88	0.050	1.000	0	87.9	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix 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#: 2203F76

12-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw ST 1

Sample ID: <b>mb-66539</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66539</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071392</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		98.5	70	130			

Sample ID: <b>mb-66547</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071393</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		102	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: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2203F76

RcptNo: 1

Received By: Juan Rojas 3/30/2022 9:15:00 AM

Completed By: Sean Livingston 3/30/2022 10:34:44 AM

Reviewed By: TMC 3/30/22

Handwritten signatures and initials

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: JA 3/30/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.5, Good, [ ], [ ], [ ]







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)

May 09, 2022

Bob Allen  
Safety & Environmental Solutions  
PO Box 1613  
Hobbs, NM 88241  
TEL: (575) 397-0510  
FAX (575) 393-4388

RE: EOG Cat Claw State 1

OrderNo.: 2204C84

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/29/2022 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 **2204C84**

Date Reported: **5/9/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Wall 3

**Project:** EOG Cat Claw State 1

**Collection Date:** 4/26/2022 10:25:00 AM

**Lab ID:** 2204C84-001

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	5/4/2022 11:37:27 PM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	53	9.8		mg/Kg	1	5/3/2022 6:57:04 PM	67196
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 6:57:04 PM	67196
Surr: DNOP	107	51.1-141		%Rec	1	5/3/2022 6:57:04 PM	67196
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/3/2022 12:22:48 AM	67169
Surr: BFB	112	37.7-212		%Rec	1	5/3/2022 12:22:48 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 12:22:48 AM	67169
Toluene	ND	0.049		mg/Kg	1	5/3/2022 12:22:48 AM	67169
Ethylbenzene	ND	0.049		mg/Kg	1	5/3/2022 12:22:48 AM	67169
Xylenes, Total	ND	0.097		mg/Kg	1	5/3/2022 12:22:48 AM	67169
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	5/3/2022 12:22:48 AM	67169

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 **2204C84**

Date Reported: **5/9/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Wall 3

**Project:** EOG Cat Claw State 1

**Collection Date:** 4/26/2022 11:20:00 AM

**Lab ID:** 2204C84-002

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	5/4/2022 11:49:52 PM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	42	9.8		mg/Kg	1	5/3/2022 7:07:56 PM	67196
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 7:07:56 PM	67196
Surr: DNOP	95.1	51.1-141		%Rec	1	5/3/2022 7:07:56 PM	67196
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 1:33:02 AM	67169
Surr: BFB	119	37.7-212		%Rec	1	5/3/2022 1:33:02 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 1:33:02 AM	67169
Toluene	ND	0.048		mg/Kg	1	5/3/2022 1:33:02 AM	67169
Ethylbenzene	ND	0.048		mg/Kg	1	5/3/2022 1:33:02 AM	67169
Xylenes, Total	ND	0.095		mg/Kg	1	5/3/2022 1:33:02 AM	67169
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	5/3/2022 1:33:02 AM	67169

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 **2204C84**

Date Reported: **5/9/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Wall

**Project:** EOG Cat Claw State 1

**Collection Date:** 4/26/2022 1:15:00 PM

**Lab ID:** 2204C84-003

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	5/5/2022 12:02:17 AM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/3/2022 7:18:51 PM	67196
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/3/2022 7:18:51 PM	67196
Surr: DNOP	106	51.1-141		%Rec	1	5/3/2022 7:18:51 PM	67196
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 1:56:26 AM	67169
Surr: BFB	110	37.7-212		%Rec	1	5/3/2022 1:56:26 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 1:56:26 AM	67169
Toluene	ND	0.048		mg/Kg	1	5/3/2022 1:56:26 AM	67169
Ethylbenzene	ND	0.048		mg/Kg	1	5/3/2022 1:56:26 AM	67169
Xylenes, Total	ND	0.096		mg/Kg	1	5/3/2022 1:56:26 AM	67169
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	5/3/2022 1:56:26 AM	67169

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 **2204C84**

Date Reported: **5/9/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Wall

**Project:** EOG Cat Claw State 1

**Collection Date:** 4/26/2022 1:35:00 PM

**Lab ID:** 2204C84-004

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	5/5/2022 12:14:42 AM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/3/2022 7:29:45 PM	67196
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 7:29:45 PM	67196
Surr: DNOP	119	51.1-141		%Rec	1	5/3/2022 7:29:45 PM	67196
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 2:19:58 AM	67169
Surr: BFB	116	37.7-212		%Rec	1	5/3/2022 2:19:58 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 2:19:58 AM	67169
Toluene	ND	0.048		mg/Kg	1	5/3/2022 2:19:58 AM	67169
Ethylbenzene	ND	0.048		mg/Kg	1	5/3/2022 2:19:58 AM	67169
Xylenes, Total	ND	0.096		mg/Kg	1	5/3/2022 2:19:58 AM	67169
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	1	5/3/2022 2:19:58 AM	67169

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#: 2204C84

09-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cat Claw State 1

Sample ID: <b>MB-67267</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67267</b>	RunNo: <b>87756</b>								
Prep Date: <b>5/4/2022</b>	Analysis Date: <b>5/4/2022</b>	SeqNo: <b>3108183</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-67267</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67267</b>	RunNo: <b>87756</b>								
Prep Date: <b>5/4/2022</b>	Analysis Date: <b>5/4/2022</b>	SeqNo: <b>3108184</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	92.2	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#: 2204C84

09-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cat Claw State 1

Sample ID: <b>LCS-67196</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67196</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3105199</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	112	68.9	135			
Surr: DNOP	4.9		5.000		98.1	51.1	141			

Sample ID: <b>MB-67196</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67196</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3105200</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	16		10.00		159	51.1	141			S

**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#: 2204C84

09-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cat Claw State 1

Sample ID: <b>mb-67169</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3103540</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	1100		1000		111	37.7	212			

Sample ID: <b>ics-67169</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3103541</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	2100		1000		214	37.7	212			S

**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#: 2204C84

09-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cat Claw State 1

Sample ID: <b>mb-67169</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3103587</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	1.1		1.000		112	70	130			

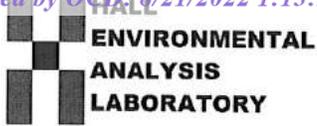
Sample ID: <b>LCS-67169</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3103588</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	89.6	80	120			
Toluene	0.93	0.050	1.000	0	93.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: <b>2204c84-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>East Wall 3</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3103591</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	0.9921	0	80.5	68.8	120			
Toluene	0.87	0.050	0.9921	0	87.7	73.6	124			
Ethylbenzene	0.89	0.050	0.9921	0	90.1	72.7	129			
Xylenes, Total	2.7	0.099	2.976	0	90.5	75.7	126			
Surr: 4-Bromofluorobenzene	0.99		0.9921		99.8	70	130			

Sample ID: <b>2204c84-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>East Wall 3</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3103592</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9794	0	88.5	68.8	120	8.23	20	
Toluene	0.94	0.049	0.9794	0	96.5	73.6	124	8.23	20	
Ethylbenzene	0.98	0.049	0.9794	0	99.6	72.7	129	8.74	20	
Xylenes, Total	2.9	0.098	2.938	0	99.9	75.7	126	8.61	20	
Surr: 4-Bromofluorobenzene	1.1		0.9794		112	70	130	0	0	

**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: Safety & Environmental Solutions

Work Order Number: 2204C84

RcptNo: 1

Received By: Juan Rojas

4/29/2022 7:10:00 AM

[Signature]

Completed By: Sean Livingston

4/29/2022 8:27:01 AM

[Signature]

Reviewed By: KPA

4-29-22

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: Juan 4/29/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.





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)

May 10, 2022

Bob Allen  
Safety & Environmental Solutions  
PO Box 1613  
Hobbs, NM 88241  
TEL: (575) 397-0510  
FAX: (575) 393-4388

RE: EOG Catclaw State 1

OrderNo.: 2204C86

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/29/2022 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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-1 3ft

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 10:05:00 AM

**Lab ID:** 2204C86-001

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	61		mg/Kg	20	5/5/2022 12:27:06 AM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/3/2022 7:40:40 PM	67196
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/3/2022 7:40:40 PM	67196
Surr: DNOP	106	51.1-141		%Rec	1	5/3/2022 7:40:40 PM	67196
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/3/2022 2:43:28 AM	67169
Surr: BFB	116	37.7-212		%Rec	1	5/3/2022 2:43:28 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/3/2022 2:43:28 AM	67169
Toluene	ND	0.049		mg/Kg	1	5/3/2022 2:43:28 AM	67169
Ethylbenzene	ND	0.049		mg/Kg	1	5/3/2022 2:43:28 AM	67169
Xylenes, Total	ND	0.098		mg/Kg	1	5/3/2022 2:43:28 AM	67169
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	5/3/2022 2:43:28 AM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-2 3ft

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 10:30:00 AM

**Lab ID:** 2204C86-002

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	500	60		mg/Kg	20	5/5/2022 12:39:31 AM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/3/2022 7:51:35 PM	67196
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/3/2022 7:51:35 PM	67196
Surr: DNOP	65.2	51.1-141		%Rec	1	5/3/2022 7:51:35 PM	67196
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/3/2022 3:07:06 AM	67169
Surr: BFB	112	37.7-212		%Rec	1	5/3/2022 3:07:06 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 3:07:06 AM	67169
Toluene	ND	0.047		mg/Kg	1	5/3/2022 3:07:06 AM	67169
Ethylbenzene	ND	0.047		mg/Kg	1	5/3/2022 3:07:06 AM	67169
Xylenes, Total	ND	0.095		mg/Kg	1	5/3/2022 3:07:06 AM	67169
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	5/3/2022 3:07:06 AM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-3 3ft

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 11:15:00 AM

**Lab ID:** 2204C86-003

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	59		mg/Kg	20	5/5/2022 12:51:56 AM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	33	9.8		mg/Kg	1	5/3/2022 11:56:04 AM	67197
Motor Oil Range Organics (MRO)	78	49		mg/Kg	1	5/3/2022 11:56:04 AM	67197
Surr: DNOP	116	51.1-141		%Rec	1	5/3/2022 11:56:04 AM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/3/2022 4:18:01 AM	67169
Surr: BFB	99.9	37.7-212		%Rec	1	5/3/2022 4:18:01 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 4:18:01 AM	67169
Toluene	ND	0.049		mg/Kg	1	5/3/2022 4:18:01 AM	67169
Ethylbenzene	ND	0.049		mg/Kg	1	5/3/2022 4:18:01 AM	67169
Xylenes, Total	ND	0.098		mg/Kg	1	5/3/2022 4:18:01 AM	67169
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/3/2022 4:18:01 AM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-4 2ft

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 12:50:00 PM

**Lab ID:** 2204C86-004

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	30		mg/Kg	20	5/5/2022 1:04:21 AM	67267
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	11	9.8		mg/Kg	1	5/3/2022 12:06:43 PM	67197
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 12:06:43 PM	67197
Surr: DNOP	137	51.1-141		%Rec	1	5/3/2022 12:06:43 PM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 4:41:37 AM	67169
Surr: BFB	104	37.7-212		%Rec	1	5/3/2022 4:41:37 AM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 4:41:37 AM	67169
Toluene	ND	0.048		mg/Kg	1	5/3/2022 4:41:37 AM	67169
Ethylbenzene	ND	0.048		mg/Kg	1	5/3/2022 4:41:37 AM	67169
Xylenes, Total	ND	0.095		mg/Kg	1	5/3/2022 4:41:37 AM	67169
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/3/2022 4:41:37 AM	67169

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 2204C86

Date Reported: 5/10/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-5 2ft

Project: EOG Catclaw State 1

Collection Date: 4/25/2022 1:20:00 PM

Lab ID: 2204C86-005

Matrix: SOIL

Received Date: 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	5/4/2022 6:43:41 PM	67275
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	32	9.5		mg/Kg	1	5/3/2022 12:17:25 PM	67197
Motor Oil Range Organics (MRO)	70	48		mg/Kg	1	5/3/2022 12:17:25 PM	67197
Surr: DNOP	98.2	51.1-141		%Rec	1	5/3/2022 12:17:25 PM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/3/2022 6:59:46 PM	67169
Surr: BFB	107	37.7-212		%Rec	1	5/3/2022 6:59:46 PM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 6:59:46 PM	67169
Toluene	ND	0.049		mg/Kg	1	5/3/2022 6:59:46 PM	67169
Ethylbenzene	ND	0.049		mg/Kg	1	5/3/2022 6:59:46 PM	67169
Xylenes, Total	ND	0.097		mg/Kg	1	5/3/2022 6:59:46 PM	67169
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/3/2022 6:59:46 PM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-6 1ft

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 1:45:00 PM

**Lab ID:** 2204C86-006

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	59		mg/Kg	20	5/4/2022 6:56:02 PM	67275
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	42	9.7		mg/Kg	1	5/3/2022 12:28:04 PM	67197
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 12:28:04 PM	67197
Surr: DNOP	104	51.1-141		%Rec	1	5/3/2022 12:28:04 PM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 7:23:18 PM	67169
Surr: BFB	112	37.7-212		%Rec	1	5/3/2022 7:23:18 PM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 7:23:18 PM	67169
Toluene	ND	0.048		mg/Kg	1	5/3/2022 7:23:18 PM	67169
Ethylbenzene	ND	0.048		mg/Kg	1	5/3/2022 7:23:18 PM	67169
Xylenes, Total	ND	0.096		mg/Kg	1	5/3/2022 7:23:18 PM	67169
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	5/3/2022 7:23:18 PM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Wall 1

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 1:55:00 PM

**Lab ID:** 2204C86-007

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	5/4/2022 7:08:22 PM	67275
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	13	9.7		mg/Kg	1	5/3/2022 12:38:46 PM	67197
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/3/2022 12:38:46 PM	67197
Surr: DNOP	92.2	51.1-141		%Rec	1	5/3/2022 12:38:46 PM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/3/2022 7:46:43 PM	67169
Surr: BFB	103	37.7-212		%Rec	1	5/3/2022 7:46:43 PM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	5/3/2022 7:46:43 PM	67169
Toluene	ND	0.046		mg/Kg	1	5/3/2022 7:46:43 PM	67169
Ethylbenzene	ND	0.046		mg/Kg	1	5/3/2022 7:46:43 PM	67169
Xylenes, Total	ND	0.093		mg/Kg	1	5/3/2022 7:46:43 PM	67169
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/3/2022 7:46:43 PM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Wall 2

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 2:10:00 PM

**Lab ID:** 2204C86-008

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	5/4/2022 7:45:25 PM	67275
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	28	9.9		mg/Kg	1	5/3/2022 12:49:29 PM	67197
Motor Oil Range Organics (MRO)	62	49		mg/Kg	1	5/3/2022 12:49:29 PM	67197
Surr: DNOP	99.8	51.1-141		%Rec	1	5/3/2022 12:49:29 PM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/3/2022 8:10:17 PM	67169
Surr: BFB	104	37.7-212		%Rec	1	5/3/2022 8:10:17 PM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	5/3/2022 8:10:17 PM	67169
Toluene	ND	0.047		mg/Kg	1	5/3/2022 8:10:17 PM	67169
Ethylbenzene	ND	0.047		mg/Kg	1	5/3/2022 8:10:17 PM	67169
Xylenes, Total	ND	0.094		mg/Kg	1	5/3/2022 8:10:17 PM	67169
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	5/3/2022 8:10:17 PM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Wall 1

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 2:25:00 PM

**Lab ID:** 2204C86-009

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	5/4/2022 8:22:28 PM	67275
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	45	9.2		mg/Kg	1	5/3/2022 1:00:13 PM	67197
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/3/2022 1:00:13 PM	67197
Surr: DNOP	88.6	51.1-141		%Rec	1	5/3/2022 1:00:13 PM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/3/2022 8:33:41 PM	67169
Surr: BFB	109	37.7-212		%Rec	1	5/3/2022 8:33:41 PM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 8:33:41 PM	67169
Toluene	ND	0.048		mg/Kg	1	5/3/2022 8:33:41 PM	67169
Ethylbenzene	ND	0.048		mg/Kg	1	5/3/2022 8:33:41 PM	67169
Xylenes, Total	ND	0.096		mg/Kg	1	5/3/2022 8:33:41 PM	67169
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	5/3/2022 8:33:41 PM	67169

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 **2204C86**

Date Reported: **5/10/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Wall 2

**Project:** EOG Catclaw State 1

**Collection Date:** 4/25/2022 2:45:00 PM

**Lab ID:** 2204C86-010

**Matrix:** SOIL

**Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	5/4/2022 8:34:49 PM	67275
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	21	9.9		mg/Kg	1	5/3/2022 1:10:56 PM	67197
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/3/2022 1:10:56 PM	67197
Surr: DNOP	131	51.1-141		%Rec	1	5/3/2022 1:10:56 PM	67197
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/3/2022 8:57:10 PM	67169
Surr: BFB	111	37.7-212		%Rec	1	5/3/2022 8:57:10 PM	67169
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/3/2022 8:57:10 PM	67169
Toluene	ND	0.047		mg/Kg	1	5/3/2022 8:57:10 PM	67169
Ethylbenzene	ND	0.047		mg/Kg	1	5/3/2022 8:57:10 PM	67169
Xylenes, Total	ND	0.095		mg/Kg	1	5/3/2022 8:57:10 PM	67169
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	5/3/2022 8:57:10 PM	67169

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#: 2204C86

10-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>MB-67275</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67275</b>	RunNo: <b>87729</b>								
Prep Date: <b>5/4/2022</b>	Analysis Date: <b>5/4/2022</b>	SeqNo: <b>3108063</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-67275</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67275</b>	RunNo: <b>87729</b>								
Prep Date: <b>5/4/2022</b>	Analysis Date: <b>5/4/2022</b>	SeqNo: <b>3108064</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-67267</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67267</b>	RunNo: <b>87756</b>								
Prep Date: <b>5/4/2022</b>	Analysis Date: <b>5/4/2022</b>	SeqNo: <b>3108183</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-67267</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67267</b>	RunNo: <b>87756</b>								
Prep Date: <b>5/4/2022</b>	Analysis Date: <b>5/4/2022</b>	SeqNo: <b>3108184</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	92.2	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#: 2204C86

10-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>2204C86-003AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-3 3ft</b>	Batch ID: <b>67197</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3104942</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	70	9.8	49.16	33.33	74.5	36.1	154			
Surr: DNOP	4.4		4.916		89.0	51.1	141			

Sample ID: <b>2204C86-003AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-3 3ft</b>	Batch ID: <b>67197</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3104943</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	90	9.9	49.36	33.33	115	36.1	154	25.3	33.9	
Surr: DNOP	5.4		4.936		110	51.1	141	0	0	

Sample ID: <b>LCS-67197</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67197</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3104959</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	68.9	135			
Surr: DNOP	4.7		5.000		93.9	51.1	141			

Sample ID: <b>MB-67197</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67197</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3104960</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	8.4		10.00		83.9	51.1	141			

Sample ID: <b>LCS-67196</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67196</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3105199</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	112	68.9	135			
Surr: DNOP	4.9		5.000		98.1	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#: 2204C86

10-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>MB-67196</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67196</b>	RunNo: <b>87693</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3105200</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	16		10.00		159	51.1	141			S

**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#: 2204C86

10-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>mb-67169</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3103540</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	1100		1000		111	37.7	212			

Sample ID: <b>lcs-67169</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3103541</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	2100		1000		214	37.7	212			S

**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#: 2204C86

10-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>mb-67169</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/3/2022</b>	SeqNo: <b>3103587</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	1.1		1.000		112	70	130			

Sample ID: <b>LCS-67169</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67169</b>	RunNo: <b>87658</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3103588</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	89.6	80	120			
Toluene	0.93	0.050	1.000	0	93.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E 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: Safety & Environmental Solutions Work Order Number: 2204C86 RcptNo: 1

Received By: Juan Rojas 4/29/2022 7:10:00 AM
Completed By: Tracy Casarrubias 4/29/2022 8:45:05 AM
Reviewed By: KPG 4-29-22

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: jn4/29/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.





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 02, 2022

Bob Allen  
Safety & Environmental Solutions  
PO Box 1613  
Hobbs, NM 88241  
TEL: (575) 397-0510  
FAX (575) 393-4388

RE: EOG Catclaw State 1

OrderNo.: 2205A32

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 11 sample(s) on 5/24/2022 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 **2205A32**

Date Reported: **6/2/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** AH-1 3ft

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 9:35:00 AM

**Lab ID:** 2205A32-001

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 8:04:42 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/26/2022 2:56:52 PM	67666
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/26/2022 2:56:52 PM	67666
Surr: DNOP	110	51.1-141		%Rec	1	5/26/2022 2:56:52 PM	67666
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 4:35:00 AM	67656
Surr: BFB	87.4	37.7-212		%Rec	1	5/26/2022 4:35:00 AM	67656
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 4:35:00 AM	67656
Toluene	ND	0.050		mg/Kg	1	5/26/2022 4:35:00 AM	67656
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 4:35:00 AM	67656
Xylenes, Total	ND	0.10		mg/Kg	1	5/26/2022 4:35:00 AM	67656
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	5/26/2022 4:35:00 AM	67656

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 **2205A32**

Date Reported: **6/2/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** AH-2 3Ft

**Project:** EOG Catclaw State 1

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

**Lab ID:** 2205A32-002

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 8:41:45 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/26/2022 3:10:32 PM	67666
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/26/2022 3:10:32 PM	67666
Surr: DNOP	98.7	51.1-141		%Rec	1	5/26/2022 3:10:32 PM	67666
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/26/2022 5:34:00 AM	67656
Surr: BFB	90.0	37.7-212		%Rec	1	5/26/2022 5:34:00 AM	67656
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	5/26/2022 5:34:00 AM	67656
Toluene	ND	0.047		mg/Kg	1	5/26/2022 5:34:00 AM	67656
Ethylbenzene	ND	0.047		mg/Kg	1	5/26/2022 5:34:00 AM	67656
Xylenes, Total	ND	0.095		mg/Kg	1	5/26/2022 5:34:00 AM	67656
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	5/26/2022 5:34:00 AM	67656

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 2205A32

Date Reported: 6/2/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** AH-3 3Ft

**Project:** EOG Catclaw State 1

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

**Lab ID:** 2205A32-003

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 8:54:06 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	8.3		mg/Kg	1	5/26/2022 3:24:24 PM	67666
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	5/26/2022 3:24:24 PM	67666
Surr: DNOP	98.0	51.1-141		%Rec	1	5/26/2022 3:24:24 PM	67666
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/26/2022 5:54:00 AM	67656
Surr: BFB	90.3	37.7-212		%Rec	1	5/26/2022 5:54:00 AM	67656
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	5/26/2022 5:54:00 AM	67656
Toluene	ND	0.046		mg/Kg	1	5/26/2022 5:54:00 AM	67656
Ethylbenzene	ND	0.046		mg/Kg	1	5/26/2022 5:54:00 AM	67656
Xylenes, Total	ND	0.092		mg/Kg	1	5/26/2022 5:54:00 AM	67656
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	5/26/2022 5:54:00 AM	67656

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 2205A32

Date Reported: 6/2/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** AH-4 2Ft

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 10:55:00 AM

**Lab ID:** 2205A32-004

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 9:06:27 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	5/26/2022 3:38:14 PM	67666
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/26/2022 3:38:14 PM	67666
Surr: DNOP	84.4	51.1-141		%Rec	1	5/26/2022 3:38:14 PM	67666
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 6:13:00 AM	67656
Surr: BFB	91.6	37.7-212		%Rec	1	5/26/2022 6:13:00 AM	67656
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 6:13:00 AM	67656
Toluene	ND	0.050		mg/Kg	1	5/26/2022 6:13:00 AM	67656
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 6:13:00 AM	67656
Xylenes, Total	ND	0.099		mg/Kg	1	5/26/2022 6:13:00 AM	67656
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	5/26/2022 6:13:00 AM	67656

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 **2205A32**

Date Reported: **6/2/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** AH-5 2Ft

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 11:00:00 AM

**Lab ID:** 2205A32-005

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 9:18:48 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/25/2022 10:19:30 AM	67670
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/25/2022 10:19:30 AM	67670
Surr: DNOP	119	51.1-141		%Rec	1	5/25/2022 10:19:30 AM	67670
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/26/2022 12:19:27 AM	67661
Surr: BFB	91.2	37.7-212		%Rec	1	5/26/2022 12:19:27 AM	67661
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/26/2022 12:19:27 AM	67661
Toluene	ND	0.048		mg/Kg	1	5/26/2022 12:19:27 AM	67661
Ethylbenzene	ND	0.048		mg/Kg	1	5/26/2022 12:19:27 AM	67661
Xylenes, Total	ND	0.096		mg/Kg	1	5/26/2022 12:19:27 AM	67661
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/26/2022 12:19:27 AM	67661

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 2205A32

Date Reported: 6/2/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Wall

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 1:00:00 PM

**Lab ID:** 2205A32-006

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 9:31:09 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/25/2022 11:02:07 AM	67670
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/25/2022 11:02:07 AM	67670
Surr: DNOP	111	51.1-141		%Rec	1	5/25/2022 11:02:07 AM	67670
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 1:29:58 AM	67661
Surr: BFB	95.3	37.7-212		%Rec	1	5/26/2022 1:29:58 AM	67661
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 1:29:58 AM	67661
Toluene	ND	0.049		mg/Kg	1	5/26/2022 1:29:58 AM	67661
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 1:29:58 AM	67661
Xylenes, Total	ND	0.098		mg/Kg	1	5/26/2022 1:29:58 AM	67661
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	5/26/2022 1:29:58 AM	67661

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 2205A32

Date Reported: 6/2/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Wall

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 1:25:00 PM

**Lab ID:** 2205A32-007

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 9:43:31 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/25/2022 11:12:51 AM	67670
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/25/2022 11:12:51 AM	67670
Surr: DNOP	115	51.1-141		%Rec	1	5/25/2022 11:12:51 AM	67670
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 3:28:11 AM	67661
Surr: BFB	96.8	37.7-212		%Rec	1	5/26/2022 3:28:11 AM	67661
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 3:28:11 AM	67661
Toluene	ND	0.049		mg/Kg	1	5/26/2022 3:28:11 AM	67661
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 3:28:11 AM	67661
Xylenes, Total	ND	0.098		mg/Kg	1	5/26/2022 3:28:11 AM	67661
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	5/26/2022 3:28:11 AM	67661

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 2205A32

Date Reported: 6/2/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Wall 1

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 1:50:00 PM

**Lab ID:** 2205A32-008

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 9:55:50 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/25/2022 11:23:34 AM	67670
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/25/2022 11:23:34 AM	67670
Surr: DNOP	108	51.1-141		%Rec	1	5/25/2022 11:23:34 AM	67670
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 3:51:51 AM	67661
Surr: BFB	92.7	37.7-212		%Rec	1	5/26/2022 3:51:51 AM	67661
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 3:51:51 AM	67661
Toluene	ND	0.049		mg/Kg	1	5/26/2022 3:51:51 AM	67661
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 3:51:51 AM	67661
Xylenes, Total	ND	0.098		mg/Kg	1	5/26/2022 3:51:51 AM	67661
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	5/26/2022 3:51:51 AM	67661

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 **2205A32**

Date Reported: **6/2/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Wall 2

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 2:15:00 PM

**Lab ID:** 2205A32-009

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	59		mg/Kg	20	5/26/2022 10:32:53 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/25/2022 11:34:20 AM	67670
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/25/2022 11:34:20 AM	67670
Surr: DNOP	102	51.1-141		%Rec	1	5/25/2022 11:34:20 AM	67670
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 4:15:26 AM	67661
Surr: BFB	92.1	37.7-212		%Rec	1	5/26/2022 4:15:26 AM	67661
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 4:15:26 AM	67661
Toluene	ND	0.050		mg/Kg	1	5/26/2022 4:15:26 AM	67661
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 4:15:26 AM	67661
Xylenes, Total	ND	0.099		mg/Kg	1	5/26/2022 4:15:26 AM	67661
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	5/26/2022 4:15:26 AM	67661

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 2205A32

Date Reported: 6/2/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Wall 1

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 2:35:00 PM

**Lab ID:** 2205A32-010

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 10:45:14 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/25/2022 11:45:05 AM	67670
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/25/2022 11:45:05 AM	67670
Surr: DNOP	130	51.1-141		%Rec	1	5/25/2022 11:45:05 AM	67670
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/26/2022 4:39:00 AM	67661
Surr: BFB	95.2	37.7-212		%Rec	1	5/26/2022 4:39:00 AM	67661
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 4:39:00 AM	67661
Toluene	ND	0.049		mg/Kg	1	5/26/2022 4:39:00 AM	67661
Ethylbenzene	ND	0.049		mg/Kg	1	5/26/2022 4:39:00 AM	67661
Xylenes, Total	ND	0.098		mg/Kg	1	5/26/2022 4:39:00 AM	67661
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	5/26/2022 4:39:00 AM	67661

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 2205A32

Date Reported: 6/2/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Wall 2

**Project:** EOG Catclaw State 1

**Collection Date:** 5/20/2022 2:55:00 PM

**Lab ID:** 2205A32-011

**Matrix:** SOIL

**Received Date:** 5/24/2022 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	ND	60		mg/Kg	20	5/26/2022 10:57:35 PM	67733
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/25/2022 11:55:53 AM	67670
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/25/2022 11:55:53 AM	67670
Surr: DNOP	91.6	51.1-141		%Rec	1	5/25/2022 11:55:53 AM	67670
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/26/2022 5:02:36 AM	67661
Surr: BFB	90.6	37.7-212		%Rec	1	5/26/2022 5:02:36 AM	67661
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/26/2022 5:02:36 AM	67661
Toluene	ND	0.050		mg/Kg	1	5/26/2022 5:02:36 AM	67661
Ethylbenzene	ND	0.050		mg/Kg	1	5/26/2022 5:02:36 AM	67661
Xylenes, Total	ND	0.10		mg/Kg	1	5/26/2022 5:02:36 AM	67661
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	5/26/2022 5:02:36 AM	67661

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#: 2205A32

02-Jun-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>LCS-67733</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67733</b>	RunNo: <b>88302</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3132780</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	97.7	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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#: 2205A32

02-Jun-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>2205A32-005AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>AH-5 2Ft</b>	Batch ID: <b>67670</b>	RunNo: <b>88262</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129949</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	9.2	46.17	7.129	90.2	36.1	154			
Surr: DNOP	4.6		4.617		99.4	51.1	141			

Sample ID: <b>2205A32-005AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>AH-5 2Ft</b>	Batch ID: <b>67670</b>	RunNo: <b>88262</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129950</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	9.8	48.97	7.129	97.3	36.1	154	11.6	33.9	
Surr: DNOP	5.7		4.897		115	51.1	141	0	0	

Sample ID: <b>LCS-67667</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67667</b>	RunNo: <b>88262</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129962</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	6.2		5.000		124	51.1	141			

Sample ID: <b>LCS-67670</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67670</b>	RunNo: <b>88262</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129963</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	115	64.4	127			
Surr: DNOP	6.5		5.000		129	51.1	141			

Sample ID: <b>MB-67667</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67667</b>	RunNo: <b>88262</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129964</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.3		10.00		93.2	51.1	141			

Sample ID: <b>MB-67670</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67670</b>	RunNo: <b>88262</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129965</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								

**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#: 2205A32

02-Jun-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>MB-67670</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67670</b>	RunNo: <b>88262</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129965</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		96.8	51.1	141			

Sample ID: <b>MB-67666</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67666</b>	RunNo: <b>88263</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131422</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		101	51.1	141			

Sample ID: <b>LCS-67666</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67666</b>	RunNo: <b>88263</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131423</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	98.4	64.4	127			
Surr: DNOP	5.4		5.000		108	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#: 2205A32

02-Jun-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>mb-67661</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67661</b>		RunNo: <b>88270</b>							
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>		SeqNo: <b>3130075</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	900		1000		90.3	37.7	212			

Sample ID: <b>ics-67661</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67661</b>		RunNo: <b>88270</b>							
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>		SeqNo: <b>3130076</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	111	72.3	137			
Surr: BFB	2100		1000		205	37.7	212			

Sample ID: <b>2205a32-005ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>AH-5 2Ft</b>	Batch ID: <b>67661</b>		RunNo: <b>88270</b>							
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>		SeqNo: <b>3130078</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.9	24.32	0	119	70	130			
Surr: BFB	2100		972.8		220	37.7	212			S

Sample ID: <b>2205a32-005amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>AH-5 2Ft</b>	Batch ID: <b>67661</b>		RunNo: <b>88270</b>							
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>		SeqNo: <b>3130079</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	4.8	23.83	0	116	70	130	4.33	20	
Surr: BFB	2000		953.3		213	37.7	212	0	0	S

Sample ID: <b>ics-67640</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67640</b>		RunNo: <b>88271</b>							
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/25/2022</b>		SeqNo: <b>3130151</b>		Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1900		1000		190	37.7	212			

Sample ID: <b>mb-67640</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67640</b>		RunNo: <b>88271</b>							
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/25/2022</b>		SeqNo: <b>3130152</b>		Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	870		1000		87.4	37.7	212			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of 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#: 2205A32

02-Jun-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>ics-67656</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67656</b>	RunNo: <b>88271</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130175</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	90.6	72.3	137			
Surr: BFB	1900		1000		192	37.7	212			

Sample ID: <b>mb-67656</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67656</b>	RunNo: <b>88271</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130176</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			

**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#: 2205A32

02-Jun-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>mb-67661</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67661</b>	RunNo: <b>88270</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3130123</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	0.96		1.000		96.4	70	130			

Sample ID: <b>LCS-67661</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67661</b>	RunNo: <b>88270</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130124</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	88.9	80	120			
Toluene	0.94	0.050	1.000	0	94.1	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.7	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.3	70	130			

Sample ID: <b>2205a32-006ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>North Wall</b>	Batch ID: <b>67661</b>	RunNo: <b>88270</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3130127</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.024	0.9560	0	91.8	68.8	120			
Toluene	0.92	0.048	0.9560	0	96.5	73.6	124			
Ethylbenzene	0.94	0.048	0.9560	0	98.5	72.7	129			
Xylenes, Total	2.8	0.096	2.868	0	98.0	75.7	126			
Surr: 4-Bromofluorobenzene	0.95		0.9560		99.8	70	130			

Sample ID: <b>2205a32-006amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>North Wall</b>	Batch ID: <b>67661</b>	RunNo: <b>88270</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3130128</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.024	0.9606	0	91.2	68.8	120	0.220	20	
Toluene	0.93	0.048	0.9606	0	96.9	73.6	124	0.810	20	
Ethylbenzene	0.93	0.048	0.9606	0	97.1	72.7	129	0.983	20	
Xylenes, Total	2.8	0.096	2.882	0	98.0	75.7	126	0.401	20	
Surr: 4-Bromofluorobenzene	0.97		0.9606		101	70	130	0	0	

**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#: 2205A32

02-Jun-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Catchlaw State 1

Sample ID: <b>ics-67640</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67640</b>	RunNo: <b>88271</b>								
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130202</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.90		1.000		90.0	70	130			

Sample ID: <b>mb-67640</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67640</b>	RunNo: <b>88271</b>								
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130203</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.88		1.000		88.4	70	130			

Sample ID: <b>ics-67656</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67656</b>	RunNo: <b>88271</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130224</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	95.4	80	120			
Toluene	0.97	0.050	1.000	0	97.4	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.8	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.4	70	130			

Sample ID: <b>mb-67656</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67656</b>	RunNo: <b>88271</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130225</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		92.9	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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: Safety & Environmental Solutions Work Order Number: 2205A32 RcptNo: 1

Received By: Juan Rojas 5/24/2022 7:00:00 AM

[Signature]

Completed By: Tracy Casarrubias 5/24/2022 7:47:42 AM

Reviewed By: [Signature] 5.24.22

Chain of Custody

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

Log In

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

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

Checked by: [Signature] 5/24/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.4, Good, Not Present, [ ], [ ], [ ]



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

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

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

Incident ID	nAPP2213834095
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	EOG Resources, Inc.	OGRID	7377
Contact Name	Jeremy Haass	Contact Telephone	575-748-1471
Contact email	Jeremy_Haass@eogresources.com	Incident #	nAPP2213834095
Contact mailing address	104 S. 4th Street, Artesia, NM 88210		

### Location of Release Source

Latitude 32.6046829 Longitude -104.552269  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name	Catclaw Huisache Battery	Site Type	Battery
Date Release Discovered	5/17/2022	API#	<i>(if applicable)</i>

Unit Letter	Section	Township	Range	County
H	2	20S	24E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

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

Cause of Release Historical impacts were discovered during the decommissioning process of the battery. The environmental consultant contracted to investigate the area determined on 5/17/2022 based on the impacted area footprint that the release more than likely breached the reportable volume threshold.

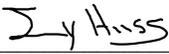
State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Jeremy Haass</u> Title: <u>Sr. Safety &amp; Environmental Specialist</u> Signature: <u></u> Date: <u>5/18/2022</u> email: <u>jeremy_haass@eogresources.com</u> Telephone: <u>575-748-1471</u>
<b><u>OCD Only</u></b> Received by: _____ Date: _____

Incident ID	NAPP2213834095
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>300</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

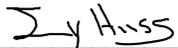
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2213834095
District RP	
Facility ID	
Application ID	

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

Printed Name: Jeremy Haass Title: Sr. Safety & Environmental Specialist

Signature:  Date: 8/21/2022

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

**OCD Only**

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

Incident ID	NAPP2213834095
District RP	
Facility ID	
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## Remediation Plan

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

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

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

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

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved     
 Approved with Attached Conditions of Approval     
 Denied     
 Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NAPP2213834095
District RP	
Facility ID	
Application ID	

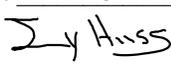
## Closure

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

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

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

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

Printed Name: Jeremy Haass Title: S&E Specialist  
 Signature:  Date: 8/21/2022  
 email: jeremy\_haass@eogresources.com Telephone: 575-748-4311

**OCD Only**  
 Received by: Jocelyn Harimon Date: 08/22/2022

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 136101

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 136101
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2213834095 CATCLAW HUISACHE BATTERY, thank you. This closure is approved.	11/28/2022