Oil Conservation Division

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.

<u>Closure Report Attachment Checklist</u>: 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:
 B/21/2022

 email:
 jeremy_haass@eogresources.com
 Telephone:
 575-748-4311

 OCD Only
 Jocelyn Harimon
 08/22/2022

 Received by:
 Date:
 Date:

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

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

Page 6

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. 4th 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

Received by OCD: 8/21/2022 1:13:2 - Page 7 of 113 Legend **EOG Resources** Berm ()Catclaw/Huisache Battery H-2-20S-24E 0 Horiz. Samples 32.60455, -104.55189 Vert. Samples Eddy Co Site Map w Samples West Surface 2 5 @ 5 TT-3 @ 2' CEast Surface 1 200 TT-2 @ 3' TT-1 @ 3 South Surface 100 ft

EOG Resources

Received by OCD: 8/21/2022 1:13:20 I

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

oogle Earth

Released to Imaging: 11/28/20





90 fl

- Solution Excavation
- O Horiz. Samples

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Vert. Samples

SP-6 BTM @ 1'

North Wall O SP-5BTM @ 2' West Wall 3 C East Wall 3

SP-4 BTM @ 2'

SP-3 BTM @ 3' CEast Wall 2

SP-2 BTM @ 3' East Wall 1 West Wall 1

SP-1 BTM @ 3'

South Wall

OSE POD Locations Map



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

GIS WATERS PODs

0 Active

0

OSE District Boundary New Mexico State Trust Lands Water Right Regulations

Both Estates

Pending Closure Area

SiteBoundaries



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

Record by OCD N8/2 1/2022 Alfs 20 filling State Engineer Point of Diversion Summary

			(quarters (quarter	are 1=N s are sm	W 2=1 allest t	NE 3=S 10 larges	W 4=SE) t)	(NAD83 U	JTM in meters)	
Well Tag	POD	Number	Q64 Q	16 Q4	Sec	Tws	Rng	Х	Y	
	RA (03085		1	01	20S	24E	542613	3607799* 🧲)
Driller Lic	ense:		Driller C	ompa	ny:					
Driller Na	ne:	LONE STAR								
Drill Start	Date:	06/24/1953	Drill Fin	ish Da	te:	0	7/06/195	3 P	ug Date:	
Log File D	ate:	11/19/1953	PCW Rc	v Date	:			S	ource:	Shallow
Ритр Тур	e:		Pipe Dise	charge	Size	:		Е	stimated Yield:	
Casing Siz	e:	7.00	Depth W	ell:		4	65 feet	D	epth Water:	300 feet
	Wate	r Bearing Stratifi	cations:	Тс	n F	otton	Descri	ntion		
	uit			27	78	285	Sandst	one/Grave	l/Conglomerate	
				25	25	202	Sandat	ono/Grove	- 1/Conglomarata	

*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. 5/15/22 2:57 PM POINT OF DIVERSION SUMMARY

Received by OCD: 8/21/2022 1:13:20 PM

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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, Released to Imaging: 19/28/2022/14:53-228 PMM, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community Received by OCD: 8/21/2022 1:13:20 PM

EOG Resources

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





Received by OCD: 8/21/2022 1:13:20 PM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

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OReleasea 40 Imaging: 11/28/2022 9.53:28 PM 1,500

Feet 1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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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









Released to Imaging: 11/28/2022 1:53:28 PM

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











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EOG Resources – Catclaw Huisache 1 Battery

Initial Site photos, Excavation & Remediation









Received by OCD: 8/21/2022 1:13:20 PM

Thistle 3 CTB 1

Photos









Thistle 3 CTB 1

Photos









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

FYI

From: Tina Huerta <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>;
Jennifer.Nobui@state.nm.us; Harimon, Jocelyn, EMNRD <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>; Artesia
Regulatory <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: <u>tina_huerta@eogresources.com</u>

Seog resources Artesia Division

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



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

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Project: EOG Catclaw ST 1

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 4/12/2022
Client Sample ID: TT-1 Surface

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	3	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA ME	THOD 300.0: ANIONS					Analyst	CAS	
Chloride	9	83	59	mg/Kg	20	4/6/2022 2:20:48 AM	66656	
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: том	
Diesel R	ange Organics (DRO)	250	9.3	mg/Kg	1	4/4/2022 9:49:57 PM	66546	
Motor O	il 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	
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analyst	BRM	
Gasoline	e 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	
EPA ME	THOD 8021B: VOLATILES					Analyst	BRM	
Benzene	e	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	
Ethylber	nzene	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.

Qualifiers:

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

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Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-002

Lab Order **2203F76** Date Reported: **4/12/2022**

Client Sample ID: TT-1 1ft Collection Date: 3/25/2022 8:35:00 AM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	84	60	mg/Kg	20	4/6/2022 2:57:50 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	том
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

Page 2 of 29

Lab ID:

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-003

Date Reported: 4/12/2022

Client Sample ID: TT-1 2ft Collection Date: 3/25/2022 8:50:00 AM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	100	60	mg/Kg	20	4/6/2022 3:10:11 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	ED
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-004

Lab Order 2203F76 Date Reported: 4/12/2022

Client Sample ID: TT-1 3ft Collection Date: 3/25/2022 10:05:00 AM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	150	59	mg/Kg	20	4/6/2022 3:22:31 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	ED
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-005

Date Reported: 4/12/2022

Client Sample ID: TT-2 Surface Collection Date: 3/25/2022 10:10:00 AM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	430	60	mg/Kg	20	4/6/2022 3:34:51 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	ED
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

Date Reported: 4/12/2022

CLIENT:	Safety & Environmental Sol	utions	Cl	ient Sample II): TT	7-2 1ft	
Project:	EOG Catclaw ST 1		(Collection Dat	e: 3/2	25/2022 10:30:00 AM	
Lab ID:	2203F76-006	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM	
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	CAS
Chloride		970	59	mg/Kg	20	4/6/2022 3:47:11 AM	66656
EPA ME	THOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	4/1/2022 3:06:45 PM	66546
Motor O	il 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
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline	e 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
EPA ME	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	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

ND

ND

95.9

0.050

0.099

70-130

mg/Kg

mg/Kg

%Rec

1

1

1

4/1/2022 3:49:31 PM

4/1/2022 3:49:31 PM

4/1/2022 3:49:31 PM

66539

66539

66539

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

Qualifiers:

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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

Date Reported: 4/12/2022

CLIENT: Safety & Environmental Solutions			Client Sample ID: TT-2 2ft						
Project: EOG Catclaw ST 1		C	Collection Dat	e: 3/2	25/2022 10:45:00 AM				
Lab ID: 2203F76-007	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM				
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	CAS			
Chloride	640	60	mg/Kg	20	4/6/2022 4:24:13 AM	66656			
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: ED			
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			
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	BRM			
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			
EPA METHOD 8021B: VOLATILES					Analyst	BRM			
Benzene	ND	0.025	ma/Ka	1	4/1/2022 4:13:18 PM	66539			

Sull. DFD	95.9	31.1-212	%Rec	I	4/1/2022 4:13:16 PIVI
PA METHOD 8021B: VOLATILES					Analy
Benzene	ND	0.025	mg/Kg	1	4/1/2022 4:13:18 PM
Toluene	ND	0.049	mg/Kg	1	4/1/2022 4:13:18 PM
Ethylbenzene	ND	0.049	mg/Kg	1	4/1/2022 4:13:18 PM
Xylenes, Total	ND	0.098	mg/Kg	1	4/1/2022 4:13:18 PM
Surr: 4-Bromofluorobenzene	95.9	70-130	%Rec	1	4/1/2022 4:13:18 PM

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

Qualifiers:

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

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66539

66539

66539

66539

Lab ID:

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-008

Date Reported: 4/12/2022

Client Sample ID: TT-2 3ft Collection Date: 3/25/2022 11:00:00 AM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	150	60	mg/Kg	20	4/6/2022 4:36:34 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	ED
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Project: EOG Catclaw ST 1

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 4/12/2022 Client Sample ID: TT-3 Surface Collection Date: 3/25/2022 11:05:00 AM

Lab ID: 2203F76-009	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	85	60	mg/Kg	20	4/6/2022 11:56:22 AM	66666
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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.

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-010

Date Reported: 4/12/2022

Client Sample ID: TT-3 1ft Collection Date: 3/25/2022 11:35:00 AM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	870	60	mg/Kg	20	4/6/2022 12:08:43 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	ED
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-011

Date Reported: 4/12/2022

Client Sample ID: TT-3 2ft Collection Date: 3/25/2022 12:00:00 PM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	180	60	mg/Kg	20	4/6/2022 12:21:04 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE OR				Analyst	ED	
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-012

Lab Order **2203F76** Date Reported: **4/12/2022**

Client Sample ID: TT-4 Surface Collection Date: 3/25/2022 1:05:00 PM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	150	60	mg/Kg	20	4/6/2022 12:33:25 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	том
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

Date Reported: 4/12/2022

CLIENT:	Safety & Environmental Solut	tions	Cl	ient Sample II	D: TT	Γ-4 1ft	
Project:	EOG Catclaw ST 1		(Collection Dat	e: 3/2	25/2022 1:10:00 PM	
Lab ID:	2203F76-013	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	MRA
Chloride		170	60	mg/Kg	20	4/6/2022 12:45:45 PM	66666
EPA MET	THOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	4/1/2022 7:34:12 PM	66546
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	4/1/2022 7:34:12 PM	66546
Surr: I	DNOP	109	51.1-141	%Rec	1	4/1/2022 7:34:12 PM	66546
EPA MET	THOD 8015D: GASOLINE RAN	IGE				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	4/1/2022 6:59:05 PM	66539
Surr: I	BFB	96.8	37.7-212	%Rec	1	4/1/2022 6:59:05 PM	66539
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	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

ND

ND

98.4

0.049

0.099

70-130

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

Qualifiers:

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

mg/Kg

%Rec

mg/Kg 1

1

1

4/1/2022 6:59:05 PM

4/1/2022 6:59:05 PM

4/1/2022 6:59:05 PM

66539

66539

66539

RL Reporting Limit Page 13 of 29

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

Date Reported: 4/12/2022

CLIENT:	Safety & Environmental Sol	utions	Cl	ient Sample II	D: TT	7-4 2ft	
Project:	EOG Catclaw ST 1		(Collection Dat	e: 3/2	25/2022 1:30:00 PM	
Lab ID:	2203F76-014	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		170	60	mg/Kg	20	4/6/2022 12:58:06 PM	66666
EPA MET	HOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	4/1/2022 7:58:36 PM	66546
Motor Oi	l Range Organics (MRO)	ND	50	mg/Kg	1	4/1/2022 7:58:36 PM	66546
Surr: I	ONOP	104	51.1-141	%Rec	1	4/1/2022 7:58:36 PM	66546
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/1/2022 7:22:52 PM	66539
Surr: I	BFB	99.4	37.7-212	%Rec	1	4/1/2022 7:22:52 PM	66539
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
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
Ethylben	zene	ND	0.050	mg/Kg	1	4/1/2022 7:22:52 PM	66539

ND

100

0.10

70-130

mg/Kg

%Rec

1

1

4/1/2022 7:22:52 PM

4/1/2022 7:22:52 PM

66539

66539

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

Date Reported: 4/12/2022

CLIENT:	Safety & Environmental So	lutions	Cli	ient Sample II	D: TT	C-5 Surface	
Project:	EOG Catclaw ST 1		(Collection Dat	e: 3/2	25/2022 1:35:00 PM	
Lab ID:	2203F76-015	Matrix: SOIL		Received Dat	e: 3/3	80/2022 9:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	MRA
Chloride		110	60	mg/Kg	20	4/6/2022 1:10:26 PM	66666
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	640	9.7	mg/Kg	1	4/1/2022 8:22:53 PM	66546

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
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst:	BRM
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.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
- Page 15 of 29

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

66539

66539

66539

66539

66539

66539

66539

Analyst: BRM

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

4/1/2022 8:10:22 PM

Date Reported: 4/12/2022

CLIENT:	Safety & Environmental Solution	15	Cl	ient Sample I	D: TT	Γ-5 1ft	
Project:	EOG Catclaw ST 1		(Collection Dat	:e: 3/2	25/2022 1:40:00 PM	
Lab ID:	2203F76-016	Matrix: SOIL		Received Dat	:e: 3/3	30/2022 9:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	MRA
Chloride		190	61	mg/Kg	20	4/6/2022 1:22:47 PM	66666
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	380	9.9	mg/Kg	1	4/1/2022 9:35:49 PM	66546
Motor Oi	I Range Organics (MRO)	470	49	mg/Kg	1	4/1/2022 9:35:49 PM	66546
Surr: [ONOP	111	51.1-141	%Rec	1	4/1/2022 9:35:49 PM	66546
EPA MET	HOD 8015D: GASOLINE RANGE					Analyst	BRM

ND

96.3

ND

ND

ND

ND

99.7

4.8

37.7-212

0.024

0.048

0.048

0.096

70-130

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

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

Qualifiers:

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

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Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

4/1/2022 8:34:06 PM

4/1/2022 8:34:06 PM

66539

66539

Date Reported: 4/12/2022

CLIENT:	Safety & Environmental Solut	ions	C	lient Sample I	D: T7	Γ-5 3ft	
Project:	EOG Catclaw ST 1		(Collection Da	te: 3/2	25/2022 1:50:00 PM	
Lab ID:	2203F76-017	Matrix: SOIL		Received Da	te: 3/3	30/2022 9:15:00 AM	
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	MRA
Chloride		100	60	mg/Kg	20	4/6/2022 1:59:49 PM	66666
EPA ME	THOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	SB
Diesel R	ange Organics (DRO)	87	9.6	mg/Kg	1	4/6/2022 12:08:35 PM	66631
Motor O	il 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
EPA ME	THOD 8015D: GASOLINE RAN	IGE				Analyst	BRM
Gasoline	e 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
EPA ME	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	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
Ethylber	nzene	ND	0.049	mg/Kg	1	4/1/2022 8:34:06 PM	66539

ND

96.2

0.097

70-130

mg/Kg 1

1

%Rec

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit
- Page 17 of 29

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2203F76

4/1/2022 8:57:45 PM

4/1/2022 8:57:45 PM

4/1/2022 8:57:45 PM

66539

66539

66539

Date Reported: 4/12/2022

CLIENT: Safety & Environmental Solution	ons	s Client Sample ID: TT-5 5ft								
Project: EOG Catclaw ST 1		(Collection Dat	e: 3/2	25/2022 2:25:00 PM					
Lab ID: 2203F76-018	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	MRA				
Chloride	170	60	mg/Kg	20	4/6/2022 2:12:10 PM	66666				
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED				
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				
EPA METHOD 8015D: GASOLINE RANG	θE				Analyst	BRM				
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				
EPA METHOD 8021B: VOLATILES					Analyst	BRM				
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				

ND

ND

99.9

0.048

0.096

70-130

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

Qualifiers:

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

mg/Kg 1

mg/Kg 1

1

%Rec

- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 4/12/2022 **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	e: 3/3	30/2022 9:15:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA METHOD 300.0: ANIONS					Analyst	t: MRA					
Chloride	300	60	mg/Kg	20	4/6/2022 2:24:31 PM	66666					
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	t: JME					
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					
EPA METHOD 8015D: GASOLINE RANGE					Analyst	t: BRM					
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					
EPA METHOD 8021B: VOLATILES					Analyst	t: BRM					
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.

Qualifiers:

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

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Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

Date Reported: 4/12/2022 Client Sample ID: East Surface 1 Collection Date: 3/25/2022 2:45:00 PM Received Date: 3/30/2022 9:15:00 AM

Lab ID: 2203F76-020	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	300	60	mg/Kg	20	4/6/2022 2:36:52 PM	66666
EPA METHOD 8015M/D: DIESEL I	RANGE ORGANICS				Analyst	: JME
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
EPA METHOD 8015D: GASOLINE	RANGE				Analyst	BRM
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
EPA METHOD 8021B: VOLATILES	6				Analyst	BRM
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.

Qualifiers:

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

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Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

Date Reported: 4/12/2022 Client Sample ID: East Surface 2 Collection Date: 3/25/2022 2:55:00 PM Received Date: 3/30/2022 9:15:00 AM

Lab ID:	2203F76-021	Matrix: SOIL		Received Dat	e: 3/3	30/2022 9:15:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: JMT
Chloride		300	60	mg/Kg	20	4/6/2022 12:12:11 PM	66668
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	JME
Diesel R	ange Organics (DRO)	ND	8.9	mg/Kg	1	4/4/2022 5:32:32 PM	66560
Motor Oi	l Range Organics (MRO)	ND	44	mg/Kg	1	4/4/2022 5:32:32 PM	66560
Surr: I	ONOP	111	51.1-141	%Rec	1	4/4/2022 5:32:32 PM	66560
EPA MET	HOD 8015D: GASOLINE RANG	BE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	4/2/2022 1:41:06 AM	66547
Surr: I	3FB	100	37.7-212	%Rec	1	4/2/2022 1:41:06 AM	66547
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
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
Ethylben	zene	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	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.

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2203F76

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw ST 1

2203F76-022

Lab Order 2203F76 Date Reported: 4/12/2022

Client Sample ID: West Surface Collection Date: 3/25/2022 3:15:00 PM Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	ЈМТ
Chloride	300	61	mg/Kg	20	4/6/2022 12:24:35 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	JME
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Client:	Safety &	Environmental	Solutions							
Project:	EOG Cat	claw ST 1								
Sample ID:	MB-66656	SampType:	mblk	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID:	PBS	Batch ID:	66656	F	lunNo: 8 7	7005				
Prep Date:	4/5/2022	Analysis Date:	4/5/2022	S	eqNo: 30	075862	Units: mg/Kg	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1	.5							
Sample ID:	LCS-66656	SampType:	lcs	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID:	LCSS	Batch ID:	66656	F	tunNo: 8 7	7005				
Prep Date:	4/5/2022	Analysis Date:	4/5/2022	S	SeqNo: 30	075863	Units: mg/Kg	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1	.5 15.00	0	92.8	90	110			
Sample ID:	MB-66668	SampType:	mblk	Tes	tCode: EF	PA Method	300.0: Anions	6		
Client ID:	PBS	Batch ID:	66668	F	tunNo: 8 7	7045				
Prep Date:	4/6/2022	Analysis Date:	4/6/2022	S	eqNo: 30	077511	Units: mg/Kg	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1	.5							
Sample ID:	LCS-66668	SampType:	lcs	Tes	tCode: EF	PA Method	300.0: Anions	6		
Client ID:	LCSS	Batch ID:	66668	F	tunNo: 8 7	7045				
Prep Date:	4/6/2022	Analysis Date:	4/6/2022	S	30 SeqNo:	077512	Units: mg/Kg	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1	.5 15.00	0	90.9	90	110			
Sample ID:	MB-66666	SampType:	mblk	Tes	tCode: EF	PA Method	300.0: Anions	6		
Client ID:	PBS	Batch ID:	66666	F	lunNo: 8 7	7046				
Prep Date:	4/6/2022	Analysis Date:	4/6/2022	S	eqNo: 30	078075	Units: mg/Kg	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1	.5							
Sample ID:	LCS-66666	SampType:	lcs	Tes	tCode: EF	PA Method	300.0: Anions	6		
Client ID:	LCSS	Batch ID:	66666	F	tunNo: 8 7	7046				
Prep Date:	4/6/2022	Analysis Date:	4/6/2022	S	eqNo: 30	078076	Units: mg/Kg	g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
<u></u>										

Qualifiers:

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

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12-Apr-22

Client: Project:	Safety & EOG Ca	Environme tclaw ST 1	ental So	olutions							
Sample ID:	LCS-66523	SampT	ype: LC	s	Test	tCode: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 66	523	R	tunNo: 86	6957				
Prep Date:	3/31/2022	Analysis D	ate: 4	/1/2022	S	eqNo: 30	072547	Units: %Rec			
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:	LCS-66546	SampT	ype: LC	s	Test	tCode: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 66	546	R	tunNo: 86	6957				
Prep Date:	3/31/2022	Analysis D	ate: 4	/1/2022	S	eqNo: 30	072548	Units: mg/K	g		
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:	MB-66523	SampT	ype: MI	BLK	Test	tCode: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch	n ID: 66	523	R	tunNo: 86	6957				
Prep Date:	3/31/2022	Analysis D	ate: 4	/1/2022	S	eqNo: 30	072549	Units: %Rec	;		
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:	MB-66546	SampT	ype: MI	BLK	Test	tCode: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch	n ID: 66	546	R	tunNo: 86	6957				
Prep Date:	3/31/2022	Analysis D	ate: 4	/1/2022	S	eqNo: 30	072550	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	ND	10								
Surr DNOP	ge Organics (MRO)	ND 9.5	50	10.00		95.5	51.1	141			
0 1 10	ND 00500										
Client ID:	BBS	Sampi	ype: MI	560	I esi	Code: EF	A Method	8015M/D: Die	sel Range	e Organics	
Pren Date:	FB3 4/1/2022	Analysis D	ate: 4	300 14/2022	S.	eaNo: 30	073031	Units: ma/K	n		
Analyta		Desult							9		Qual
Diesel Range	Organics (DRO)	ND	PQL 10	SPK value	SPK Ref Val	%REC	LOWLIMIT	HighLimit	%RPD	RPDLIMIT	Quai
Motor Oil Rang	ge Organics (MRO)	ND	50								
Surr: DNOP)	10		10.00		99.8	51.1	141			
Sample ID:	LCS-66560	SampT	ype: LC	s	Test	tCode: EF	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 66	560	R	lunNo: 86	6951				
Client ID: Prep Date:	LCSS 4/1/2022	Batch Analysis D	n ID: 66 ate: 4/	560 /4/2022	R	8unNo: 86 SeqNo: 36	6951 073033	Units: mg/K	g		

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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12-Apr-22

Client: Project:	Safety & EOG Cate	Environm claw ST 1	ental So	olutions							
Sample ID:	LCS-66560	SampT	Гуре: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	LCSS	Batc	h ID: 66	560	F	RunNo: 8	6951		-	-	
Prep Date:	4/1/2022	Analysis E	Date: 4	4/2022	S	SeqNo: 3	073033	Units: mg/k	٢g		
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:	2203F76-019AMS	SampT	Type: M	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	South Surface	Batc	h ID: 66	560	F	RunNo: 8	6951				
Prep Date:	4/1/2022	Analysis E	Date: 4	4/2022	5	SeqNo: 3	073141	Units: mg/#	٤g		
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:	2203F76-019AMSI	Samp1	Type: M	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	South Surface	Batc	h ID: 66	560	F	RunNo: 8	6951				
Prep Date:	4/1/2022	Analysis E	Date: 4	4/2022	5	SeqNo: 3	073142	Units: mg/K	٤g		
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:	LCS-66631	SampT	Гуре: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batc	h ID: 66	631	F	RunNo: 8	7034				
Prep Date:	4/6/2022	Analysis E	Date: 4	6/2022	S	SeqNo: 3	075755	Units: mg/k	٢g		
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:	MB-66631	SampT	Type: MI	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	PBS	Batc	h ID: 66	631	F	RunNo: 8	7034				
Prep Date:	4/6/2022	Analysis E	Date: 4	6/2022	S	SeqNo: 3	075756	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	ND	10								
Motor Oil Rang	ge 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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

2203F76

12-Apr-22

Client: Project:	Safety & EOG Cat	Environm claw ST 1	iental So	olutions							
Sample ID:	2203f76-019ams	Samp	Туре: М	6	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	South Surface	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	1/2022	S	SeqNo: 3	071321	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	29 2100	4.8	24.11 964.3	0	120 222	70 37.7	130 212			S
Sample ID:	2203f76-019amsd	Samp	Туре: М	SD	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID:	South Surface	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	2/2022	S	SeqNo: 3	071322	Units: mg/k	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge 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:	lcs-66539	Samp	Type: LC	S	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID:	LCSS	Batc	h ID: 66	539	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	1/2022	5	SeqNo: 3	071342	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	27	5.0	25.00	0	107	72.3	137			
Surr: BFB		2100		1000		207	37.7	212			
Sample ID:	lcs-66547	Samp ⁻	Type: LC	S	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	1/2022	ç	SeqNo: 3	071343	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB		2000		1000		202	37.7	212			
Sample ID:	mb-66539	Samp	Type: ME	BLK	Tes	tCode: E	PA Method	8015D: Gasc	line Rang	e	
Client ID:	PBS	Batc	h ID: 66	539	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	1/2022	S	SeqNo: 3	071344	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	ND	5.0								
Surr: BFB		960		1000		96.4	37.7	212			
Sample ID:	mb-66547	Samp	Type: ME	BLK	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	1/2022	S	SeqNo: 3	071345	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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12-Apr-22

Client: S Project: 1	Safety & Environment EOG Catclaw ST 1	al Solu	tions							
Sample ID: mb-6654	7 SampTyp	e: MBL	к	Test	Code: EP	A Method	8015D: Gaso	line Range	9	
Client ID: PBS	Batch II	6654	7	R	unNo: 86	929				
Prep Date: 3/31/20	22 Analysis Date	: 4/1/2	2022	S	eqNo: 30	71345	Units: mg/K	g		
Analyte	Result I	PQL S	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:

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

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12-Apr-22

Client: Project:	Safety & EOG Cat	Environm claw ST 1	ental Sc	olutions							
Sample ID:	2203f76-020ams	Samp	Type: MS	6 	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	East Surface 1	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	2/2022	S	SeqNo: 3	071370	Units: mg/k	٨g		
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-Brom	nofluorobenzene	0.96		0.9381		102	70	130			
Sample ID:	2203f76-020amsd	Samp	Туре: М	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	East Surface 1	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	2/2022	S	SeqNo: 3	071371	Units: mg/k	٨g		
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-Brom	nofluorobenzene	0.96		0.9363		102	70	130	0	0	
Sample ID:	LCS-66539	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 66	539	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	1/2022	S	SeqNo: 3	071390	Units: mg/k	٢g		
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-Brom	nofluorobenzene	1.0		1.000		103	70	130			
Sample ID:	LCS-66547	Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date:	3/31/2022	Analysis [Date: 4/	1/2022	S	SeqNo: 3	071391	Units: mg/k	٢g		
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-Brom	nofluorobenzene	1.0		1.000		99.7	70	130			

Qualifiers:

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

WO#: 2203F76

12-Apr-22

Client: Safety Project: EOG	& Environm Catclaw ST 1	ental So	olutions							
Sample ID: mb-66539	Samp	Type: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 66	539	F	RunNo: 8	6929				
Prep Date: 3/31/2022	Analysis [Date: 4/	1/2022	5	SeqNo: 3	071392	Units: mg/#	٤g		
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: mb-66547	Samp	Type: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 66	547	F	RunNo: 8	6929				
Prep Date: 3/31/2022	Analysis [Date: 4/	1/2022	5	SeqNo: 3	071393	Units: mg/k	ίg		
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.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

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12-Apr-22

WO#:

Estimated value

Client Name: Safety & Environmental		TEL: 505-34 Website: cli	4 Albuque 5-3975 F.4. ents.hallen	901 Hawk rque, NM X: 505-34, vironment	kins NE 187109 5-4107 tal.com	Sample Log-In Check List			
Client Name:	Safety & Environmental Solutions	Work Order Nu	umber: 22	03F76			RcptNo: 1		
Received By:	Juan Rojas	3/30/2022 9.15.0	O AM		i fla	ray.	7		
Completed By:	Sean Livingston	3/30/2022 10:34:	44 0.04			~			
Reviewed By:	TMC	3130/22			2	-1	not		
Chain of Cus	todv								
1. Is Chain of Cu	ustody complete?		Ve				Contraction in the second		
2. How was the	sample delivered?		Co	<u>urier</u>	No		Not Present		
Log In									
3. Was an attem	pt made to cool the samples	?	Yes	V	No				
4. Were all samp	les received at a temperature	e of ≥0° C to 6.0°C	Yes		No				
5. Sample(s) in p	roper container(s)?		Yes	~	No				
6. Sufficient samp	le volume for indicated test(s)?	Vac		No	Ē			
7. Are samples (e	xcept VOA and ONG) proper	ly preserved?	Ves		No				
8. Was preservation	ve added to bottles?		Yes		No		NA		
9. Received at lea	st 1 vial with headspace <1/4	" for AQ VQA2	Ver						
10. Were any samp	ble containers received broke	en?	Yes		No		NA 🗹		
11. Does paperwork	match bottle labels?		Yes		No		# of preserved bottles checked for pH		
(Note discrepan	cies on chain of custody)					-	(<2 or >12 unless noted)		
12. Are matrices con	rectly identified on Chain of	Custody?	Yes	~	No []	Adjusted?		
14 Were all holding	timos able to be		Yes	~	No [
(If no, notify cust	tomer for authorization.)		Yes	~	No [Checked by: 1233022		
Special Handlin	g (if applicable)					~			
15. Was client notifi	ed of all discrepancies with t	his order?	Yes		No	٦			
Person No	tified:	Date:				_			
By Whom:		Via:	□ eMa		ione 🗔 🖬	Fav	In Parson		
Regarding	(<u> </u>			чл			
Client Instr	uctions:					-			
10. Additional remain	rks:								
17. <u>Cooler Informa</u> Cooler No 1 2	tion Temp ⁰C Condition Sei 5 Good	al Intact Seal No	Seal Dat	e S	Signed By				

Received by QCD: 8/21/2022	1 3:20 PM										P	age 55 (of 113
DDNM BOF BOF Com NM 871 NM 871 St	בירקי	742	X	-	-	-	-			X	- Ch	'n	the analyti
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Client: Substry + Guly Record Client: Substry + Guly Munulal Mailing Address: 703 Cliunten Mailing Address: 703 Cliunten Phone #: 575-397.0570	email or Fax#: QA/QC Package: D_Standard D_Level 4 (Full Validation) Accreditation: D_AZ Compliance D_NELAC D_Other D_EDD (Type)	Date Time Matrix Sample Name	125 UD20 > 71-1 Switche	0650 S TT-1 2A	1005 5 TI-1 3A	1010 > 11-2 Surface	1045 S 11-2 24	1100 S 11-2 34	1135 S TC3 15	2 1200 5 TT-3 2 Fr	Date: Time: Relipquished by:	Date: Time: Relinquished by: 1 Date: I Ach A	If necessary, samples submitted to Hall Environmental may be subc

Hall ENVIRONMENTAL ANALYSIS LABORATOR Aww.hallenvironmental.com Hawkins NE - Albuquerque, NM 87109 05-345-3975 Fax 505-345-4107 Analysis Request	EDB (Method 504.1) SMI20758 Metals SCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ S260 (VOA) S270 (Semi-VOA) otal Coliform (Present/Absent) otal Coliform (Present/Absent)				Chase Settle
rn-Around Time: Standard <u>v Rush 5 0 m</u> Ject Name: Cog Ar Cliffun Sc. Z Ject #: Tel. 5 Tel. 5	Ject Manager: Alleu, RSL Alleu, RSL Pler: Structure Alleu, RSL BTEX / MTBE / TMB's (8021) BTEX / MTBE / TMB's (8021) BTEX / MTBE / TMB's (8021) Preservative HEAL No. and # Type HEAL No.	1 1 de 012 XX	015	018 019 020 021 020	ed by: Via: Jate Time Remarks: B MUULLAN John 1700 ed by: Via: Date Time Remarks: B ed by: Via: Date Time Anto do other accredited laboratories. This serves as notice of this possibility. Any sub-
Client: Chain-of-Custody Record Tu Client: A full for the investigation of the providence of the provi	OA/OC Package: I Level 4 (Full Validation) OA/OC Package: I Level 4 (Full Validation) Accreditation: I Az Compliance I NELAC I Other I EDD (Type) # of I EDD (Type) # of Date Time Matrix Sample Name	1310 5 714 Julie 1330 < 714 24	1335 5 71-5 Surface 1340 5 11-5 1 75 1350 5 11-5 3 51	145 S Sorra Sunface 1445 S Sorra Sunface 1445 S CASS Sunface 1 315 S West Sunface 1	Date: Time: Relinquished by Date: Time: Relinquished by Date: Time: Relinquished by: Date: Time: Relinquished by: Add b 19 00 Quutuutuutuutuutuutuutuutuutuutuutuutuut



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

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2204C84

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Cat Claw State 1

Date Reported: 5/9/2022 Client Sample ID: East Wall 3 Collection Date: 4/26/2022 10:25:00 AM Received Date: 4/29/2022 7:10:00 AM

Lab ID: 2204C84-001	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	LRN
Chloride	ND	60	mg/Kg	20	5/4/2022 11:37:27 PM	67267
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
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
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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.

Qualifiers:

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

Page 1 of 8

Analytical Report Lab Order 2204C84

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Cat Claw State 1

Date Reported: 5/9/2022 Client Sample ID: West Wall 3 Collection Date: 4/26/2022 11:20:00 AM Received Date: 4/29/2022 7:10:00 AM

Lab ID: 2204C84-002	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	ND	60	mg/Kg	20	5/4/2022 11:49:52 PM	67267
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
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
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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.

Qualifiers:

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

Page 2 of 8

Analytical Report Lab Order 2204C84

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 5/9/2022 Client Sample ID: North Wall

Project:	EOG Cat Claw State 1			Collection Dat	e: 4/2	26/2022 1:15:00 PM	
Lab ID:	2204C84-003	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	S	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	t: LRN
Chloride	9	ND	60	mg/Kg	20	5/5/2022 12:02:17 AM	67267
EPA ME	THOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analys	t: SB
Diesel F	Range Organics (DRO)	ND	9.6	mg/Kg	1	5/3/2022 7:18:51 PM	67196
Motor O	il 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
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasolin	e 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
EPA ME	THOD 8021B: VOLATILES					Analys	t: NSB
Benzen	e	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
Ethylber	nzene	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.

Qualifiers:

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

Page 3 of 8

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Lab ID:

Analytical Report Lab Order 2204C84

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Cat Claw State 1

2204C84-004

Date Reported: 5/9/2022

Client Sample ID: South Wall Collection Date: 4/26/2022 1:35:00 PM Received Date: 4/29/2022 7:10:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	LRN
Chloride	ND	60	mg/Kg	20	5/5/2022 12:14:42 AM	67267
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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

Matrix: SOIL

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

Qualifiers:

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

Page 4 of 8

Client: Project:	Safe EOC	ty & Environm G Cat Claw Stat	ental So e 1	olutions							
Sample ID:	MB-67267	SampT	ype: m t	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	n ID: 67	267	F	RunNo: 87	7756				
Prep Date:	5/4/2022	Analysis D)ate: 5/	4/2022	S	SeqNo: 3	108183	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-67267	SampT	ype: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	n ID: 67	267	F	RunNo: 87	7756				
Prep Date:	5/4/2022	Analysis D)ate: 5/	4/2022	5	SeqNo: 3	108184	Units: mg/K	g		
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

2204C84

09-May-22

Client:	Safety & Envi	ronmenta	al So	olutions								
Project:	EOG Cat Clav	v State 1										
Sample ID: LCS-67	1 96 S	SampType	: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics		٦
Client ID: LCSS		Batch ID:	67 [°]	196	F	RunNo: 87	7693					
Prep Date: 5/2/202	22 Anal	ysis Date:	5/	3/2022	S	SeqNo: 3	105199	Units: mg/#	g			
Analyte	Re	sult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (D	RO)	56	10	50.00	0	112	68.9	135				
Surr: DNOP		4.9		5.000		98.1	51.1	141				
Sample ID: MB-671	96 S	SampType	: Me	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: PBS		Batch ID	67 [°]	196	F	RunNo: 87	7693					
Prep Date: 5/2/202	22 Anal	ysis Date:	5/	3/2022	S	SeqNo: 3	105200	Units: mg/k	ſg			
Analyte	Re	sult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (D	RO)	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 8

WO#: 2204C84 09-May-22

Client: Project:	Safety & I EOG Cat	Environme Claw State	ental So e 1	olutions							
Sample ID: mb-6	67169	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS		Batch	n ID: 67	169	R	RunNo: 87	7658				
Prep Date: 4/29	9/2022	Analysis D	ate: 5/	3/2022	S	SeqNo: 3	103540	Units: mg/#	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga Surr: BFB	nics (GRO)	ND 1100	5.0	1000		111	37.7	212			
Sample ID: Ics-6	7169	SampT	ype: LC	S	Test	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCS	S	Batch	n ID: 67	169	R	RunNo: 87	7658				
Prep Date: 4/29	9/2022	Analysis D	ate: 5/	2/2022	S	SeqNo: 3	03541	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga Surr: BFB	nics (GRO)	26 2100	5.0	25.00 1000	0	103 214	72.3 37.7	137 212			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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 8

WO#: 2204C84 09-May-22

Client: Safety &	Environm	nental So	olutions							
Project: EOG Ca	t Claw Sta	te 1								
Sample ID: mb-67169	Samp	Type: ME	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 67	169	F	RunNo: 8	7658				
Prep Date: 4/29/2022	Analysis [Date: 5/	3/2022	S	SeqNo: 3	103587	Units: mg/k	٢g		
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: LCS-67169	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 67	169	F	RunNo: 8	7658				
Prep Date: 4/29/2022	Analysis [Date: 5/	2/2022	S	SeqNo: 3	103588	Units: mg/k	٢g		
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: 2204c84-001ams	Samp	Туре: М	6	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: East Wall 3	Batc	:h ID: 67	169	F	RunNo: 8	7658				
Prep Date: 4/29/2022	Analysis [Date: 5/	3/2022	S	SeqNo: 3	103591	Units: mg/k	٢g		
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: 2204c84-001ams	d Samp	Type: MS	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: East Wall 3	Batc	h ID: 67	169	F	RunNo: 8 '	7658				
Prep Date: 4/29/2022	Analysis [Date: 5/	3/2022	S	SeqNo: 3	103592	Units: mg/k	٢g		
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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

2204C84

09-May-22

ived by OCD:18/	/21/2022 1:	13:20 PM		Hall Environm	ental Analysis	Laboratory			Page 66 of
	RONMENT YSIS PRATORY	AL		TEL: 505-345- Website: ww	4901 1 Albuquerque 3975 FAX: 50 w.hallenviron	ławkins NE NM 87109 5-345-4107 mental.com	Sa	mple Log-In Ch	eck List
Client Name:	Safety & E Solutions	invironmental	w	ork Order Nun	nber: 2204C	84 .		RcptNo: 1	
Received By:	Juan Roj	as	4/29	/2022 7:10:00	AM	4	ian Engl		
Completed By:	Sean Livi	ingston	4/29	/2022 8:27:01	AM	<	\leq /	in the	
Reviewed By:	KDG	Ч	-29-	22		-		n goil	
Chain of Cus	stody								
1. Is Chain of C	Custody comp	lete?			Yes 🖌	2	No 🗌	Not Present	
2. How was the	e sample deliv	vered?			Courier				
Log In 3. Was an atten	mpt made to o	cool the samp	les?		Yes 🔽] 1	No 🗆		
4. Were all sam	ples received	l at a tempera	ture of >0°	C to 6.0°C	Yes 🔽] 1	No 🗌		
5. Sample(s) in	proper conta	iner(s)?			Yes 🔽) I	No 🗌		
6. Sufficient sam	nple volume f	or indicated to	est(s)?		Yes 🔽	N	lo 🗌		
7. Are samples ((except VOA	and ONG) pro	operly prese	rved?	Yes 🔽	N	I o 🗌		
8. Was preserva	ative added to	bottles?			Yes 🗌	Ν	10 🔽	NA 🗌	
9. Received at le	east 1 vial wit	h headspace	<1/4" for AC	VOA?	Yes	N	lo 🗌	NA 🗹	
10. Were any sar	mple containe	ers received b	roken?		Yes 🗆	1	1 0 🔽	# of preserved	
11. Does paperwo (Note discreps	ork match bol ancies on cha	ttle labels? ain of custody)		Yes 🗸	N	lo 🗆	for pH:	unless noted)
12. Are matrices of	correctly iden	tified on Chai	n of Custod	y?	Yes 🗸	N	•	Adjusted?	
13. Is it clear what	t analyses we	ere requested	?		Yes 🔽	N	o 🗌		1 1 1 2 2
14. Were all holdi (If no, notify ci	ng times able ustomer for a	e to be met? uthorization.)			Yes 🗹	N	•	Checked by:	19/29/22
Special Handl	ing (if app	licable)							
15. Was client no	otified of all di	screpancies v	vith this orde	er?	Yes 🗌	N	10 □	NA 🗹	
Person	Notified:	r		Date	1	alles			
By Who	om:			Via:	eMail	Phone	Fax	In Person	
Regardi	ing:								
Client Ir	nstructions:								
10. Additional rer	marks:								
17. Cooler Infor	mation	0				T Providence			
1	1.6	Good	Seal Intac	t Seal No	Seal Date	Signe	d By		
2	0.8	Good		-					

Page 1 of 1

Received by OCD: 8/21/2022	1:13:20 PM (N JO)	Air Bubbles ('					Page 67 of 113
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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

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2204C86

5/3/2022 2:43:28 AM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Surr: 4-Bromofluorobenzene

Date Reported: 5/10/2022 Client Sample ID: SP-1 3ft Collection Date: 4/25/2022 10:05:00 AM

Project:	EOG Catclaw State 1		(Collection Dat	e: 4/2	25/2022 10:05:00 AM	
Lab ID:	2204C86-001	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	S	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	t: LRN
Chloride)	ND	61	mg/Kg	20	5/5/2022 12:27:06 AM	67267
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: SB
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	5/3/2022 7:40:40 PM	67196
Motor O	il 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
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline	e 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
EPA ME	THOD 8021B: VOLATILES					Analys	t: NSB
Benzene	e	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
Ethylber	nzene	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

113

70-130

%Rec

1

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

Qualifiers: *

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

Page 1 of 15

67169

Lab ID:

Analytical Report Lab Order 2204C86

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2204C86-002

Date Reported: 5/10/2022

Client Sample ID: SP-2 3ft Collection Date: 4/25/2022 10:30:00 AM Received Date: 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	500	60	mg/Kg	20	5/5/2022 12:39:31 AM	67267
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	: NSB
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

Matrix: SOIL

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

Qualifiers:

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

Page 2 of 15

Lab ID:

Analytical Report Lab Order 2204C86

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2204C86-003

Date Reported: 5/10/2022

Client Sample ID: SP-3 3ft Collection Date: 4/25/2022 11:15:00 AM Received Date: 4/29/2022 7:10:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LRN
Chloride	ND	59	mg/Kg	20	5/5/2022 12:51:56 AM	67267
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2204C86

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2204C86-004

Date Reported: 5/10/2022

Client Sample ID: SP-4 2ft Collection Date: 4/25/2022 12:50:00 PM Received Date: 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	ND	30	mg/Kg	20	5/5/2022 1:04:21 AM	67267
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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

Matrix: SOIL

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

Qualifiers:

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

Page 4 of 15
Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2204C86

Date Reported: 5/10/2022

CLIENT: Safety & Environmental Solut	ions	Cli	ient Sample II	D: SP	P-5 2ft	
Project: EOG Catclaw State 1		(Collection Dat	e: 4/2	25/2022 1:20:00 PM	
Lab ID: 2204C86-005	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	5/4/2022 6:43:41 PM	67275
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analys	t: SB
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
EPA METHOD 8015D: GASOLINE RAN	GE				Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	5/3/2022 6:59:46 PM	67169

EPA METHOD 8021B: VOLATILES					Analys
Benzene	ND	0.024	mg/Kg	1	5/3/2022 6:59:46 PM
Toluene	ND	0.049	mg/Kg	1	5/3/2022 6:59:46 PM
Ethylbenzene	ND	0.049	mg/Kg	1	5/3/2022 6:59:46 PM
Xylenes, Total	ND	0.097	mg/Kg	1	5/3/2022 6:59:46 PM
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	5/3/2022 6:59:46 PM

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

Qualifiers:

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

Page 5 of 15

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2204C86-006

Lab Order 2204C86

Date Reported: 5/10/2022

Client Sample ID: SP-6 1ft Collection Date: 4/25/2022 1:45:00 PM Received Date: 4/29/2022 7:10:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	59	mg/Kg	20	5/4/2022 6:56:02 PM	67275
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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

Matrix: SOIL

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

Qualifiers:

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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

Lab Order **2204C86** Date Reported: **5/10/2022**

Client Sample ID: East Wall 1 Collection Date: 4/25/2022 1:55:00 PM Received Date: 4/29/2022 7:10:00 AM

Lab ID: 2204C86-007	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIO	NS				Analys	t: JMT
Chloride	ND	60	mg/Kg	20	5/4/2022 7:08:22 PM	67275
EPA METHOD 8015M/D: DI	ESEL RANGE ORGANICS				Analys	t: SB
Diesel Range Organics (DRO)	13	9.7	mg/Kg	1	5/3/2022 12:38:46 PM	67197
Motor Oil Range Organics (MR	D) 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
EPA METHOD 8015D: GAS	OLINE RANGE				Analys	t: NSB
Gasoline Range Organics (GRC	D) 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
EPA METHOD 8021B: VOL	ATILES				Analys	t: NSB
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.

Qualifiers:

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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

Lab Order 2204C86

Date Reported: 5/10/2022

Client Sample ID: East Wall 2 Collection Date: 4/25/2022 2:10:00 PM Received Date: 4/29/2022 7:10:00 AM

Lab ID: 2204C86-008	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	5/4/2022 7:45:25 PM	67275
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB
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
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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.

Qualifiers:

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

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Analytical Report Lab Order 2204C86

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Project: EOG Catclaw State 1

Date Reported: 5/10/2022 Client Sample ID: West Wall 1 Collection Date: 4/25/2022 2:25:00 PM

Lab ID: 2204C86-009	Matrix: SOIL		Received Dat	e: 4/2	29/2022 7:10:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	5/4/2022 8:22:28 PM	67275
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analys	t: SB
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
EPA METHOD 8015D: GASOLINE RANG	GE				Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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.

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2204C86

Date Reported: 5/10/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2204C86-010

Client Sample ID: West Wall 2 Collection Date: 4/25/2022 2:45:00 PM Received Date: 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	5/4/2022 8:34:49 PM	67275
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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

Matrix: SOIL

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

Qualifiers:

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

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Client: Project:	Safe EOC	ety & Environmen G Catclaw State 1	tal So	olutions							
Sample ID:	MB-67275	SampTyp	e: mt	olk	Tes	tCode: El	PA Method	300.0: Anions			
Client ID:	PBS	Batch I): 67 2	275	F	RunNo: 8 '	7729				
Prep Date:	5/4/2022	Analysis Date	e: 5/	4/2022	5	SeqNo: 3	108063	Units: mg/K	g		
Analyte Chloride		Result I ND	² QL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID:	LCS-67275	SampTyp	e: Ics	5	Tes	tCode: El	PA Method	300.0: Anions	1		
Client ID:	LCSS	Batch I): 67 :	275	F	RunNo: 8 '	7729				
Prep Date:	5/4/2022	Analysis Date	e: 5/	4/2022	5	SeqNo: 3	108064	Units: mg/K	9		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.6	90	110			
Sample ID:	MB-67267	SampTyp	e: mt	olk	Tes	tCode: El	PA Method	300.0: Anions			
Client ID:	PBS	Batch I): 67 2	267	F	RunNo: 8 '	7756				
Prep Date:	5/4/2022	Analysis Date	e: 5/	4/2022	5	SeqNo: 3	108183	Units: mg/K	g		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-67267	SampTyp	e: Ics	5	Tes	tCode: El	PA Method	300.0: Anions			
Client ID:	LCSS	Batch II): 67 2	267	F	RunNo: 8 '	7756				
Prep Date:	5/4/2022	Analysis Date	ə: 5/	4/2022	S	SeqNo: 3	108184	Units: mg/K	g		
Analyte		Result I	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2204C86

10-May-22

Client:	Safety & I	Environm	ental So	olutions							
Project:	EOG Cate	law State	21								
Sample ID:	2204C86-003AMS	SampT	Гуре: МS	;	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	SP-3 3ft	Batcl	h ID: 671	97	F	RunNo: 8 7	7693				
Prep Date:	5/2/2022	Analysis [Date: 5/3	3/2022	Ş	SeqNo: 3	104942	Units: mg/K	g		
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:	2204C86-003AMSD	SampT	Гуре: МS	D	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	SP-3 3ft	Batcl	h ID: 671	97	F	RunNo: 8 7	7693				
Prep Date:	5/2/2022	Analysis [Date: 5/3	3/2022	S	SeqNo: 3	104943	Units: mg/K	g		
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:	LCS-67197	Samp	Гуре: LC	s	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batcl	h ID: 671	97	F	RunNo: 8 7	7693				
Prep Date:	5/2/2022	Analysis [Date: 5/3	3/2022	S	SeqNo: 3'	104959	Units: mg/K	g		
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:	MB-67197	SampT	Гуре: МЕ	BLK	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batcl	h ID: 671	97	F	RunNo: 87	7693				
Prep Date:	5/2/2022	Analysis [Date: 5/3	3/2022	Ś	SeqNo: 3	104960	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	ND	10								
Motor Oil Rang	ge Organics (MRO)	ND	50								
Surr: DNOP	1	8.4		10.00		83.9	51.1	141			
Sample ID:	LCS-67196	Samp	Гуре: LC	s	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batcl	h ID: 671	96	F	RunNo: 8 7	7693				
Prep Date:	5/2/2022	Analysis [Date: 5/3	3/2022	S	SeqNo: 3	105199	Units: mg/K	g		
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

-

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2204C86

10-May-22

Client: Project:	Safety & EOG Ca	Environm atclaw State	ental So 1	olutions							
Sample ID:	MB-67196	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batch	n ID: 671	96	F	RunNo: 87	693				
Prep Date:	5/2/2022	Analysis D	Date: 5/ 3	3/2022	5	SeqNo: 31	05200	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	ND	10								
Motor Oil Rang	e 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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2204C86

10-May-22

Client: Project:	Safety & Envin EOG Catclaw	ronmenta State 1	al Solut	tions							
Sample ID: mb-67	' 169 S	SampType	MBLK	ζ.	Tes	tCode: EF	A Method	8015D: Gasol	ine Range		
Client ID: PBS		Batch ID:	67169		R	RunNo: 87	658				
Prep Date: 4/29/	2022 Anal	lysis Date:	5/3/20	022	S	SeqNo: 31	03540	Units: mg/K	g		
Analyte	Res	sult P	QL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO)	ND	5.0								
Surr: BFB	11	100		1000		111	37.7	212			
Sample ID: Ics-67	1 69 S	SampType	LCS		Tes	tCode: EP	PA Method	8015D: Gasol	ine Range		
Client ID: LCSS		Batch ID:	67169		R	RunNo: 87	658				
Prep Date: 4/29/	2022 Anal	lysis Date:	5/2/20	022	S	SeqNo: 31	03541	Units: mg/K	g		
Analyte	Res	sult P	QL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB	21	00		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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2204C86

10-May-22

Client: Safety Project: EOG C	ety & Environmental Solutions G Catclaw State 1									
Sample ID: mb-67169	Samp	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 67	169	F	RunNo: 87	7658				
Prep Date: 4/29/2022	Analysis I	Date: 5/	3/2022	SeqNo: 3103587 Units: mg/Kg				(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		112	70	130			
Sample ID: LCS-67169	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 67	169	F	RunNo: 87	7658				
Prep Date: 4/29/2022	Analysis I	Date: 5/ 2	2/2022	S	SeqNo: 3'	103588	Units: mg/k	íg		
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2204C86

10-May-22

Page	84	0	f 113

HALL ENVIRONMENTAL ANALYSIS LABORATORY		н 7	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 & I Solutions	Environmenta	al Wor	k Order Numb	oer: 220	4C86			RcptNo: 1			
Received By:	Juan Ro	jas	4/29/2	022 7:10:00 A	M		Gun	nay	L			
Completed By:	Tracy Ca	sarrubias	4/29/2	022 8:45:05 A	M							
Reviewed By:	KPG	4-29	1-22		e 11)							
Chain of Cus	tody											
1. Is Chain of C	ustody com	plete?			Yes		N		Not Present			
2. How was the	sample deli	vered?			Cou	rier						
Log In												
3. Was an attem	pt made to	cool the sam	ples?		Yes		No					
4. Were all samp	les receive	d at a temper	ature of >0° C	to 6.0°C	Yes		No					
5. Sample(s) in j	proper conta	ainer(s)?			Yes		No					
6. Sufficient sam	ple volume	for indicated	test(s)?		Yes		No					
7. Are samples (except VOA	and ONG) p	roperly preserv	ed?	Yes		No					
8. Was preservat	ive added to	bottles?			Yes		No					
9. Received at le	ast 1 vial wi	th headspace	<1/4" for AQ	VOA?	Yes		No	Π.				
10. Were any sam	ple contain	ers received	broken?		Yes		No					
							100		# of preserved			
11. Does paperwo (Note discrepa	rk match bo ncies on ch	ttle labels? ain of custody	<i>v</i>)		Yes		No		for pH:			
2. Are matrices c	prrectly iden	tified on Cha	in of Custodv?		Yes	2	No	П	Adjusted?	noted)		
3. Is it clear what	analyses we	ere requested	1?		Yes	~	No			-		
14. Were all holdin	g times able	e to be met?			Yes	~	No		Checked by: JN 4	791		
Special Handli	na (if anr											
15. Was client not	ified of all di	iscrepancies	with this order	?	Yes		No					
Person N	Notified:			Date:								
By Whor	n:			Via	ПеМа		Phone	Eav				
Regardir	ig:							Tax				
Client In:	structions:											
 Additional rem 	arks:											
7. Cooler Inform	nation	lug com	12000									
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Da	te	Signed I	By				
2	1.6	Good	Yes									
-	0.0	9000	res									

Page 1 of 1

Received by OCD: 8/21/2022	:13:20 PM		Page 85 of 113
 HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Tel. 505-345-3975 Ray sequest 	ТРН:8015D(GRO / DRO / MRS' (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's EDB (Method 504.1) RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) Total Coliform (Present/Absent)		X= Water infiltrated surliar X= Water infiltrated surliar 30 4.29.27
Turn-Around Time: Turn-Around Time: Standard Nush S MM Project Name: このら Cz+d/2w STAG Z Project #:	Project Manager:	Male Dol 002 002 003 004 004 004 006 006 006 006 006 006 000 006 Na: Date Pate Time	Received by: Via: Val A 1000 Received by: Via: Date Time A 10 U V 1.2 V 179/72 7110 contracted to other accredited laboratories. This serves as notice of this post
Chain-of-Custody Record Client: Sifty & En UN-MANANA Mailing Address: 703 C. On Mon (41 Chs N.W. 88240 Phone #: 575-397-0510	email or Fax#: QA/QC Package: QA/QC Package: Candard Level 4 (Full Validation) Accreditation: Az Compliance NELAC Other EDD (Type) EDD (Type) Date Time Matrix Sample Name Matrix Sample Name Matrix Matrix Sample Name Matrix Matrix	04/15 1050 5 5721 374 1050 5 5723 34 1115 5 5723 34 1115 5 5723 34 1115 5 5723 34 1115 5 5723 34 1115 5 5723 34 1115 5 5725 574 1255 5 5725 575 1355 5 5725 575 1355 5 5725 575 1355 5 5725 575 1355 5 5725 575 1355 5 5725 575 1355 5 5 5 1355 5 10657 5 1445 5 10657 7 17657 5 10657 7 1755 5 10657 7 1755 5 10657 7 1755 5 10657 7 1755 5 10657 7 1755 5 10657 7 1755 5 10657 7 1755 5 1065	P27 1600 Server Letter Date Time: Relinquished by: P000 1900 CULUUUUUUUU

Released to Imaging: 11/28/2022 1:53:28 PM



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

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab ID:

Analytical Report Lab Order 2205A32

Date Reported: 6/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2205A32-001

Client Sample ID: AH-1 3ft Collection Date: 5/20/2022 9:35:00 AM Received Date: 5/24/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 8:04:42 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2205A32-002

Date Reported: 6/2/2022

Client Sample ID: AH-2 3Ft Collection Date: 5/20/2022 10:00:00 AM Received Date: 5/24/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 8:41:45 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2205A32-003

Date Reported: 6/2/2022

Client Sample ID: AH-3 3Ft Collection Date: 5/20/2022 10:20:00 AM Received Date: 5/24/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 8:54:06 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2205A32-004

Date Reported: 6/2/2022

Client Sample ID: AH-4 2Ft Collection Date: 5/20/2022 10:55:00 AM Received Date: 5/24/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 9:06:27 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
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
EPA METHOD 8021B: VOLATILES					Analyst	BRM
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

Matrix: SOIL

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

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2205A32-005

Lab Order 2205A32 Date Reported: 6/2/2022

Client Sample ID: AH-5 2Ft Collection Date: 5/20/2022 11:00:00 AM Received Date: 5/24/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	
Chloride	ND	60	mg/Kg	20	5/26/2022 9:18:48 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	NSB
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

Matrix: SOIL

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

Qualifiers:

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

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Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 6/2/2022
Client Sample ID: North Wall

Project: EOG Catclaw State 1		(Collection Dat	e: 5/2	20/2022 1:00:00 PM	
Lab ID: 2205A32-006	Matrix: SOIL		Received Dat	e: 5/2	24/2022 7:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 9:31:09 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/25/2022 11:02:07 AM	1 67670
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/25/2022 11:02:07 AM	1 67670
Surr: DNOP	111	51.1-141	%Rec	1	5/25/2022 11:02:07 AM	1 67670
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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.

Qualifiers:

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

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Lab ID:

Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

2205A32-007

Date Reported: 6/2/2022

Client Sample ID: South Wall Collection Date: 5/20/2022 1:25:00 PM Received Date: 5/24/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 9:43:31 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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

Matrix: SOIL

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

Qualifiers:

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

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Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Project: EOG Catclaw State 1

Date Reported: 6/2/2022 Client Sample ID: West Wall 1 Collection Date: 5/20/2022 1:50:00 PM

Lab ID: 2205A32-008	Matrix: SOIL		Received Dat	e: 5/2	24/2022 7:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 9:55:50 PM	67733
EPA METHOD 8015M/D: DIESEL	RANGE ORGANICS				Analyst	: SB
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 AN	67670
Surr: DNOP	108	51.1-141	%Rec	1	5/25/2022 11:23:34 AM	67670
EPA METHOD 8015D: GASOLINE	RANGE				Analyst	: NSB
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
EPA METHOD 8021B: VOLATILE	S				Analyst	: NSB
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.

Qualifiers:

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

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Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

Date Reported: 6/2/2022 Client Sample ID: West Wall 2 Collection Date: 5/20/2022 2:15:00 PM Pageived Date: 5/24/2022 7:00:00 AM

Lab ID:	2205A32-009	Matrix: SOIL		Received Dat	e: 5/2	24/2022 7:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: NAI
Chloride		ND	59	mg/Kg	20	5/26/2022 10:32:53 PM	67733
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	SB
Diesel Ra	nge 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: D	NOP	102	51.1-141	%Rec	1	5/25/2022 11:34:20 AM	67670
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	5/26/2022 4:15:26 AM	67661
Surr: B	FB	92.1	37.7-212	%Rec	1	5/26/2022 4:15:26 AM	67661
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
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
Ethylbenz	ene	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.

Qualifiers:

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

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Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 6/2/2022
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	5	Result	RL	Qual Units	DF	Date Analyzed	Batch						
EPA ME	THOD 300.0: ANIONS					Analys	t: NAI						
Chloride	9	ND	60	mg/Kg	20	5/26/2022 10:45:14 PM	1 67733						
EPA ME	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analys	t: SB						
Diesel R	Range Organics (DRO)	ND	9.3	mg/Kg	1	5/25/2022 11:45:05 AM	1 67670						
Motor O	il 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 AN	1 67670						
EPA ME	THOD 8015D: GASOLINE RAI	NGE				Analys	t: NSB						
Gasoline	e 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						
EPA ME	THOD 8021B: VOLATILES					Analys	t: NSB						
Benzene	e	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						
Ethylber	nzene	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.

Qualifiers:

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

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Analytical Report Lab Order 2205A32

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

EOG Catclaw State 1

Date Reported: 6/2/2022 Client Sample ID: East Wall 2 Collection Date: 5/20/2022 2:55:00 PM Received Date: 5/24/2022 7:00:00 AM

Lab ID: 2205A32-011	Matrix: SOIL		Received Dat	e: 5/2	24/2022 7:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	5/26/2022 10:57:35 PM	67733
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
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
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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.

Qualifiers:

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

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Client: Project:	Safety & EOG Cate	Environme claw State	ental So 1	olutions							
Sample ID: LCS-67733 SampType: Ics TestCode: EPA Method 300.0: Anions											
Client ID: LCS	S	Batch	ID: 67	733	R	unNo: 88	3302				
Prep Date: 5/2	6/2022	Analysis Da	ate: 5/	26/2022	S	eqNo: 31	32780	Units: mg/K	g		
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

2205A32

02-Jun-22

Client: Proiect:	Safety & EOG Cat	Environment claw State 1	al So	olutions							
Sample ID:	2205A32-005AMS	SampTyp	e: MS	3	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	AH-5 2Ft	Batch ID): 67	670	F	RunNo: 8	38262		j·	· J	
Prep Date:	5/24/2022	Analysis Date	e: 5/	25/2022	S	SegNo: 3	3129949	Units: mg/K	a		
Analvte		Result F		SPK value	SPK Ref Val	· %REC	l owl imit	Highl imit	%RPD	RPDI imit	Qual
Diesel Range	Organics (DRO)	49	9.2	46.17	7.129	90.2	36.1	154			Quui
Surr: DNOP		4.6		4.617		99.4	51.1	141			
Sample ID:	2205A32-005AMS	D SampTyp	e: MS	SD	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	AH-5 2Ft	Batch ID): 67	670	F	RunNo: 8	38262				
Prep Date:	5/24/2022	Analysis Date	e: 5/	25/2022	S	SeqNo: 3	3129950	Units: mg/K	g		
Analyte		Result F	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:	LCS-67667	SampTyp	e: LC	s	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch ID): 67	667	F	RunNo: 8	38262				
Prep Date:	5/24/2022	Analysis Date	e: 5/	25/2022	S	SeqNo: 3	3129962	Units: %Rec	;		
Analyte		Result F	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		6.2		5.000		124	51.1	141			
Sample ID:	LCS-67670	SampTyp	e: LC	s	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	LCSS	Batch ID): 67	670	F	RunNo: 8	38262				
Prep Date:	5/24/2022	Analysis Date	e: 5/	25/2022	5	SeqNo: 3	3129963	Units: mg/K	g		
Analyte		Result F	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:	MB-67667	SampTyp	e: MB	BLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch ID): 67	667	F	RunNo: 8	38262				
Prep Date:	5/24/2022	Analysis Date	e: 5/	25/2022	S	SeqNo: 3	3129964	Units: %Rec	;		
Analyte		Result F	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:	MB-67670	SampTyp	e: MI	BLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID:	PBS	Batch ID): 67	670	F	RunNo: 8	38262				
Prep Date:	5/24/2022	Analysis Date	e: 5/	25/2022	5	SeqNo: 3	3129965	Units: mg/K	g		
Analyte		Result F	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	ND	10								
Motor Oil Rang	ge Organics (MRO)	ND	50								

Qualifiers:

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

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2205A32

02-Jun-22

Client:SafetProject:EOG	y & Environmenta Catclaw State 1	ll Solutions							
Sample ID: MB-67670	SamnType		Tost		Method	8015M/D: Die	sol Pange	Organics	
	Sampiype		103			ooronalize. Die	sermany	eorganics	
Client ID: PBS	Batch ID:	67670	R	unNo: 8826	52				
Prep Date: 5/24/2022	Analysis Date:	5/25/2022	S	eqNo: 3129	9965	Units: mg/Kg	9		
Analyte	Result P	QL SPK value	SPK Ref Val	%REC Lo	owLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7	10.00		96.8	51.1	141			
Sample ID: MB-67666	SampType	BLK	Test	Code: EPA	Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID:	67666	R	unNo: 8826	63				
Prep Date: 5/24/2022	Analysis Date:	5/26/2022	S	eqNo: 3131	422	Units: mg/Kg	g		
Analyte	Result P	QL SPK value	SPK Ref Val	%REC Lo	owLimit	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: LCS-67666	SampType	LCS	Test	Code: EPA	Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch ID:	67666	R	unNo: 8826	63				
Prep Date: 5/24/2022	Analysis Date:	5/26/2022	S	eqNo: 3131	423	Units: mg/K	9		
Analyte	Result P	QL SPK value	SPK Ref Val	%REC Lo	owLimit	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Client: Project:	Safety & EOG Cate	Environme claw State	ental So 1	olutions							
Sample ID:	mb-67661	SampT	уре: МІ	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	9	
Client ID:	PBS	Batch	ID: 67	661	F	RunNo: 8	8270				
Prep Date:	5/24/2022	Analysis D	ate: 5/	26/2022	S	SeqNo: 3	130075	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	ND 900	5.0	1000		90.3	37.7	212			
Sample ID:	lcs-67661	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	9	
Client ID:	LCSS	Batch	n ID: 67	661	F	RunNo: 8	8270				
Prep Date:	5/24/2022	Analysis D	ate: 5	25/2022	5	SeqNo: 3	130076	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	28	5.0	25.00	0	111	72.3	137			
Surr: BFB		2100		1000		205	37.7	212			
Sample ID:	2205a32-005ams	SampT	ype: M	6	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID:	AH-5 2Ft	Batch	n ID: 67	661	F	RunNo: 8	8270				
Prep Date:	5/24/2022	Analysis D	ate: 5	26/2022	S	SeqNo: 3	130078	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	29	4.9	24.32	0	119	70	130			
Surr: BFB		2100		972.8		220	37.7	212			S
Sample ID:	2205a32-005amsd	SampT	ype: M	SD	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID:	AH-5 2Ft	Batch	n ID: 67	661	F	RunNo: 8	8270				
Prep Date:	5/24/2022	Analysis D	ate: 5/	26/2022	S	SeqNo: 3	130079	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge 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:	lcs-67640	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID:	LCSS	Batch	n ID: 67	640	F	RunNo: 8	8271				
Prep Date:	5/23/2022	Analysis D	ate: 5	25/2022	5	SeqNo: 3	130151	Units: %Re	•		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		1900		1000		190	37.7	212			
Sample ID:	mb-67640	SampT	уре: МІ	BLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	8	
Client ID:	PBS	Batch	n ID: 67	640	F	RunNo: 8	8271		_		
Prep Date:	5/23/2022	Analysis D	ate: 5	25/2022	5	SeqNo: 3	130152	Units: %Re	•		
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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

Analyte detected in the associated Method Blank в

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range RL

Reporting Limit

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Client: Project:	Safety & Environm EOG Catclaw State	y & Environmental Solutions Catclaw State 1									
Sample ID: Ics-67656 SampType: LCS				Test	tCode: EF	PA Method	8015D: Gasc	line Rang	e		
Client ID: LCSS Batch ID: 67656			656	RunNo: 88271							
Prep Date: 5/24/20	Analysis [Date: 5/	25/2022	S	eqNo: 3	30175	Units: mg/K	g			
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: mb-676	56 Samp	Туре: МЕ	BLK	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batc	h ID: 67	656	R	unNo: 88	3271					
Prep Date: 5/24/20	Analysis [Date: 5/	25/2022	S	eqNo: 31	30176	Units: mg/K	g			
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.
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- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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02-Jun-22

Client:	Safety &	Environm	ental So	olutions									
Project:	EOG Cat	claw State	e 1										
Sample ID:	mb-67661	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID:	PBS	Batc	h ID: 67	661	F	RunNo: 8	8270						
Prep Date:	5/24/2022	Analysis [Date: 5/	26/2022	SeqNo: 3130123			Units: mg/Kg					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene		ND	0.025										
Toluene		ND	0.050										
Ethylbenzene		ND	0.050										
Xylenes, Total		ND	0.10										
Surr: 4-Bron	nofluorobenzene	0.96		1.000		96.4	70	130					
Sample ID:	LCS-67661	Samp ⁻	Type: LC	s	Tes	TestCode: EPA Method 8021B: Volatiles							
Client ID:	LCSS	Batc	h ID: 67	661	F	RunNo: 8	8270						
Prep Date:	5/24/2022	Analysis [Date: 5/	25/2022	SeqNo: 3130124			Units: mg/Kg					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene		0.89	0.025	1.000	0	88.9	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-Bron	nofluorobenzene	0.98		1.000		98.3	70	130					
Sample ID:	2205a32-006ams	Samp	Туре: М	6	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID:	North Wall	Batc	h ID: 67	661	F	RunNo: 8	8270						
Prep Date:	5/24/2022	Analysis [Date: 5/	26/2022	S	SeqNo: 3	130127	Units: mg/ł	٢g				
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-Bron	nofluorobenzene	0.95		0.9560		99.8	70	130					
Sample ID:	2205a32-006amsd	I Samp ⁻	Type: MS	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID:	North Wall	Batc	h ID: 67	661	F	RunNo: 8	8270						
Prep Date:	5/24/2022	Analysis [Date: 5/	26/2022	S	SeqNo: 3	130128	Units: mg/ł	٢g				
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-Bron	nofluorobenzene	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Client:	Safety & I	Environme	ental So	olutions							
Project:	EUG Cal	claw State	1								
Sample ID: Ics-	-67640	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCS	SS	Batch	າ ID: 676	640	F	unNo: 88	8271				
Prep Date: 5/2	23/2022	Analysis D	oate: 5/2	25/2022	S	eqNo: 31	130202	Units: %Red	;		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluo	robenzene	0.90		1.000		90.0	70	130			
Sample ID: mb-	-67640	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	S	Batch	ו ID: 676	640	F	unNo: 88	8271				
Prep Date: 5/2	23/2022	Analysis D	oate: 5/2	25/2022	S	eqNo: 31	130203	Units: %Red	;		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluo	robenzene	0.88		1.000		88.4	70	130			
Sample ID: Ics-	-67656	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCS	SS	Batch	ו ID: 676	656	F	unNo: 88	8271				
Prep Date: 5/2	24/2022	Analysis D)ate: 5/2	25/2022	S	eqNo: 3	130224	Units: mg/K	g		
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-Bromofluo	robenzene	0.92		1.000		92.4	70	130			
Sample ID: mb-	-67656	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	S	Batch	ו ID: 676	656	F	unNo: 88	8271				
Prep Date: 5/2	24/2022	Analysis D)ate: 5/2	25/2022	5	eqNo: 31	130225	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bromofluo	robenzene	0.93		1.000		92.9	70	130			

Qualifiers:

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

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	ONMENTAL 'Sis Atory	Hall Environmental Alb. TEL: 505-345-3975 Website: www.ha	Analy 490 uquera FAX: allenvi	sis Labo 11 Hawk 10e, NM 505-345 ronmente	oratory ins NE 87109 5-4107 al.com	Sample Log-In Check List			
Client Name:	Safety & Environmental Solutions	Work Order Number	220	5A32			RcptNo: 1		
Received By:	Juan Rojas	5/24/2022 7:00:00 AM			ifua	nay			
Completed By:	Tracy Casarrubias	5/24/2022 7:47:42 AM							
Reviewed By:	Ph 5.24.22	-							
Chain of Cust	ody								
1. Is Chain of Cu	stody complete?		Yes	~	N	•	Not Present		
2. How was the s	sample delivered?		<u>Cou</u>	ier					
<u>Log In</u>									
3. Was an attemp	ot made to cool the samples	?	Yes	\checkmark	N	•	NA 🗌		
4. Were all sampl	les received at a temperatur	e of >0° C to 6.0°C	Yes		N	•			
5. Sample(s) in p	roper container(s)?		Yes		N	•			
6. Sufficient samp	le volume for indicated test	s)?	Yes	✓	No				
7. Are samples (e	xcept VOA and ONG) prope	rly preserved?	Yes	~	No				
8. Was preservati	ve added to bottles?		Yes		No		NA 🗌		
9. Received at lea	ist 1 vial with headspace <1/	4" for AQ VOA?	Yes		No		NA 🗹		
10. Were any sam	ple containers received brok	en?	Yes		No		# of preserved		
11. Does paperwor (Note discrepar	k match bottle labels?		Yes	✓	No		bottles checked for pH:		
2. Are matrices co	prrectly identified on Chain o	f Custodv?	Yes	~	No		Adjusted?		
3. Is it clear what a	analyses were requested?		Yes		No				
4. Were all holding (If no, notify cus	g times able to be met? stomer for authorization.)		Yes		No		Checked by: JN 5/24		
Special Handlin	ng (if applicable)					/			
15. Was client noti	fied of all discrepancies with	this order?	Yes		No		NA 🗹		
Person N	lotified:	Date:				and the second			
By Whon	n:	Via:	eMa	ii 🗍 I	Phone [Fax	In Person		
Regardin	g:					and all second			
Client Ins	structions:								
16. Additional rem	arks:								
17 Cooler Inform	ation								

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<i>Received by OCD: 8/21/2022 1</i>	:13:20 PM	Page	106 of 113
 HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY Mow.hallenvironmental.com Www.hallenvironmental.com HO1 Hawkins NE - Albuquerque, NM 87109 HO1 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Tel. 505-345-3975 Fax 505-345-4107 	31EX / M1BE / 1MB's (8021) TPH:8015D(GRO / DRO / MRO) 3081 Pesticides/8082 PCB's EDB (Method 504.1) 201, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 3260 (VOA) 3270 (Semi-VOA) Cotal Coliform (Present/Absent) Total Coliform (Present/Absent) Cotal Coliform (Present/Absent)	Image: Second	ssibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time: Encipect Name: どの 「いれでいれい ちわれで I Project #: アロック	Project Manager:	Type and # Type 2205 A32 F Vev 001 Nev 005 001 Nev 005 005 Neve 006 005 Neve 007 007 Neve 007 007 Neve 007 007 Nuture 010 010 Nuture 010 010 Nuture 010 010	Necetived by: Via: Uate Little Uate Little Contracted to the accredited laboratories. This serves as notice of this po
Chain-of-Custody Record Client: Left & ENURYMAR Mailing Address: 703 6. Clurber Mailing Address: 703 6. Clurber	Email or Fax#: QA/QC Package: QA/QC Package: OA/QC Package: Accreditation: NELAC NELAC Other EDD (Type) Date, Time Matrix Sample Name	DateItmeMatrixSample Name $D5/20$ $G35$ Aut 74 1000 S Aut 234 1100 S Aut 234 1315 S Aut 244 1415 S Aut 244 $Date:$ Iut $Batin uutIutDate:IutBatin uutAutAutAutAutAutAutAutAutAutAutAutAutAutAutiBatin uutAutAutAutiAutAutAutAutiAutAutAutAutiAutAutAutAutiAutAutAutAutiAutAutAutAutiAutAutAutiAutiAutiAutiAutiAutiAutiAutiAutiAut$	Port 1910 Communication of the subscription of the subscriptio

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 # <i>nAPP2213834095</i>
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.6046829

(NAD 83 in decimal degrees to 5 decimal places)

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

Unit Letter	Section	Township	Range	County
Н	2	205	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)

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

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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🖉 No	
LEVES	
II YES, was immediate n	otice 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

 \checkmark The source of the release has been stopped.

 \checkmark The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Jeremy Haass	Title: Sr. Safety & Environmental Specialist
Signature: Jy H	Date: 5/18/2022
email: jeremy_haass@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by:	Date:
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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?	🗌 Yes 📈 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🗹 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🗹 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗹 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🗹 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🗹 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗹 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🗹 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 📈 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 📈 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 📈 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 📈 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- **Z** 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.

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rom C-141			Incident ID	NAPP2213834095
Page 4	Oil Conservation Divisio	sion	District RP	
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			Application ID	
regulations all operators ar public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations. Printed Name: <u>Jeremy</u> Signature: <u>Jeremy</u> email: <u>jeremyhaass</u>	In above is true and complete required to report and/or file certain relea nment. The acceptance of a C-141 report b igate and remediate contamination that pose of a C-141 report does not relieve the oper / Haass Image: Complete the oper is true and complete the oper / Haass Image: Complete the oper is true and complete the operation ope	to the best of my knowledge is ise notifications and perform c by the OCD does not relieve th e a threat to groundwater, surf ator of responsibility for comp Title: Sr. Safety Date: 8/21/2022 Telephone: 575-7	and understand that purs orrective actions for rele e operator of liability sh ace water, human health bliance with any other fe & Environmental \$ 	Content to OCD rules and eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only Received by: Jocel	yn Harimon	Date: _08/2	22/2022	

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<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

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Remediation 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: Telephone: _____ email: OCD Only Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

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Oil Conservation Division

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Title:

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.

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

X 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:
 Image: Signature:

 Signature:
 Image: Signature:

 Date:
 8/21/2022

 email:
 jeremy haass@eogresources.com

 Telephone:
 575-748-4311

 OCD Only
 Jocelyn Harimon

 08/22/2022
 Date:

 Date:
 Date:

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

 Closure Approved by:

 Date:

 Date:

Printed Name:

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

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

CONDITIONS

Created By Condition

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

CONDITIONS

Action 136101

Condition Date