

Incident ID	nAPP2203253510
District RP	
Facility ID	
Application ID	

### Closure

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

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

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

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

Printed Name: Jeremy Haass Title: S & E Specialist  
 Signature: [Signature] Date: 5/26/22  
 email: Jeremy\_haass@ecgresources.com Telephone: 575 748-4311

**OCD Only**

Received by: Robert Hamlet Date: 8/24/2022

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

Closure Approved by: Robert Hamlet Date: 8/24/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

**EOG Resources, Inc.  
Cholla AGE Fed #1  
Closure Report  
I-03-20S-24E  
Eddy County, New Mexico  
NAPP2203253510**

**May 16, 2022**



**Prepared for:**

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

**By:**

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

## Company Contacts

Representative	Company	Telephone	E-mail
Chase Settle	EOG Resources	575-748-1471	Chase_Settle@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 Cholla AGE Federal #1 Location. According to the C-141, a 300 bbl brine storage tank was overfilled the previous evening while it was being filled for P&A activities, causing the release of 50 bbls of brine water on the well pad. This site is situated in Eddy County, Section 3, Township 20S, and Range 24E. SESI personnel performed an assessment of the site in January 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 did not indicate 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

In March of 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 – Cholla AGE Fed #1								
Soil Sample Results: Hall Environmental Laboratories - Lab Order 2203G88								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
PW TT-1 @ Surf	460	ND	92	200	ND	ND	ND	ND
PW TT-1 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
PW TT-1 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW TT-2 @ Surf	480	ND	100	240	ND	ND	ND	ND
PW TT-2 @ 1'	300	ND	ND	ND	ND	ND	ND	ND
PW TT-2 @ 2'	83	ND	ND	ND	ND	ND	ND	ND
PW TT-3 @ Surf	19000	ND	130	52	ND	ND	ND	ND
PW TT-3 @ 1'	860	ND	ND	ND	ND	ND	ND	ND
PW TT-3 @ 2'	520	ND	9.3	ND	ND	ND	ND	ND
PW TT-4 @ Surf	12000	ND	ND	ND	ND	ND	ND	ND
PW TT-4 @ 1'	860	ND	ND	ND	ND	ND	ND	ND
PW TT-4 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW TT-5 @ Surf	12000	ND	ND	ND	ND	ND	ND	ND
PW TT-5 @ 1'	73	ND	ND	ND	ND	ND	ND	ND
PW South Surf 1	260	ND	ND	ND	ND	ND	ND	ND
PW South Surf 2	120	ND	ND	ND	ND	ND	ND	ND
PW North Surf 1	120	ND	ND	ND	ND	ND	ND	ND
PW North Surf 2	260	ND	ND	ND	ND	ND	ND	ND
PW East Surface	130	ND	ND	ND	ND	ND	ND	ND
PW West Surface	260	ND	ND	ND	ND	ND	ND	ND
All samples are in mg/kg								

## Remediation

Based on the results of the delineation, as indicated above, SESI, determined the best course of action was to excavate the areas to a depth of 2' 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. Those confirmation samples are contained in the table below.

EOG Resources – Cholla AGE Fed #1								
Soil Sample Results: Hall Environmental Laboratories - Lab Order 2204A77								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
PW SP-1 @ 1.5'	ND	ND	ND	ND	ND	ND	ND	ND
PW SP-2 @ 1'	400	ND	9.5	ND	ND	ND	ND	ND
PW SP-3 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW SP-4 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW East Wall	ND	ND	ND	ND	ND	ND	ND	ND
PW SP-5 @ 2'	110	ND	ND	ND	ND	ND	ND	ND
PW SP-6 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW SP-7 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW TT-3 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW SP-8 @ 2'	110	ND	ND	ND	ND	ND	ND	ND
PW SP-9 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW SP-10 @ 2'	100	ND	ND	ND	ND	ND	ND	ND
PW SP-11 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW SP-12 @ 2'	110	ND	ND	ND	ND	ND	ND	ND
PW SP-13 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
PW South Wall 1	130	ND	ND	ND	ND	ND	ND	ND
PW South Wall 2	130	ND	ND	ND	ND	ND	ND	ND
PW South Wall 3	ND	ND	ND	ND	ND	ND	ND	ND
PW West Wall	ND	ND	ND	ND	ND	ND	ND	ND
PW North Wall 1	64	ND	ND	ND	ND	ND	ND	ND
PW North Wall 2	ND	ND	ND	ND	ND	ND	ND	ND
PW North Wall 3	ND	ND	ND	ND	ND	ND	ND	ND
All samples are in mg/kg								

As 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 caught at a depth of 2'. Confirmation samples of the depth, and side walls showed no further migration.

## Subsequent Investigation

During the course of this produced water remediation, P&A activities continued along with the decommissioning of the production facility. Areas underneath the production tanks and around the meter run indicated some staining and possible historical release. Test trenches were installed in 4 areas, field samples are recorded in the table below.

Sample ID	Chloride	TPH	Sample ID	Chloride	TPH
TT-1 @ 2'	128 ppm	27 ppm	TT-3	128 ppm	30 ppm
TT-2 @ 1'	<128 ppm	30 ppm	TT-4	128 ppm	37 ppm

The field samples did not indicate a significant impact of any contaminants to the production equipment areas. SESI made the determination to obtain confirmation samples for laboratory analysis in preparation for backfill.

EOG Resources - Cholla AGE Fed #1								
Soil Sample Results: Hall Environmental Laboratories – Lab Order 2203G91								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
TT-1 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
TT-1 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-1 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
TT-2 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
TT-2 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-3 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
TT-3 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-4 @ Surface	ND	ND	100	170	ND	ND	ND	ND
TT-4 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
South Surface	ND	ND	ND	ND	ND	ND	ND	ND
East Surface 1	ND	ND	ND	ND	ND	ND	ND	ND
East Surface 2	ND	ND	ND	ND	ND	ND	ND	ND
West Surface 1	ND	ND	ND	ND	ND	ND	ND	ND
West Surface 2	ND	ND	ND	ND	ND	ND	ND	ND
North Surface	ND	ND	ND	ND	ND	ND	ND	ND
All samples are in mg/kg								

Once these confirmation samples were received, it was apparent, that the elevated DRO and MRO at surface of TT-4, might require further investigation. The area around TT-4 was dug out to a depth of 1' and further bottom hole samples, and sidewall samples were obtained to confirm this area had been properly remediated, the laboratory analysis is included below.

EOG Resources - Cholla AGE Fed #1								
Soil Sample Results: Hall Environmental Laboratories – Lab Order 2204A80								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP-1 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
SP-2 @ 1'	ND	ND	20	ND	ND	ND	ND	ND
SP-3 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
South Wall	ND	ND	ND	ND	ND	ND	ND	ND
West Wall	ND	ND	ND	ND	ND	ND	ND	ND
North Wall	ND	ND	ND	ND	ND	ND	ND	ND
All samples are in mg/kg								

With these results in hand, SESI was comfortable with the opinion that the historical observations at the battery were properly remediated and ready for backfill with native soil. Pictures and other supporting material is 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**

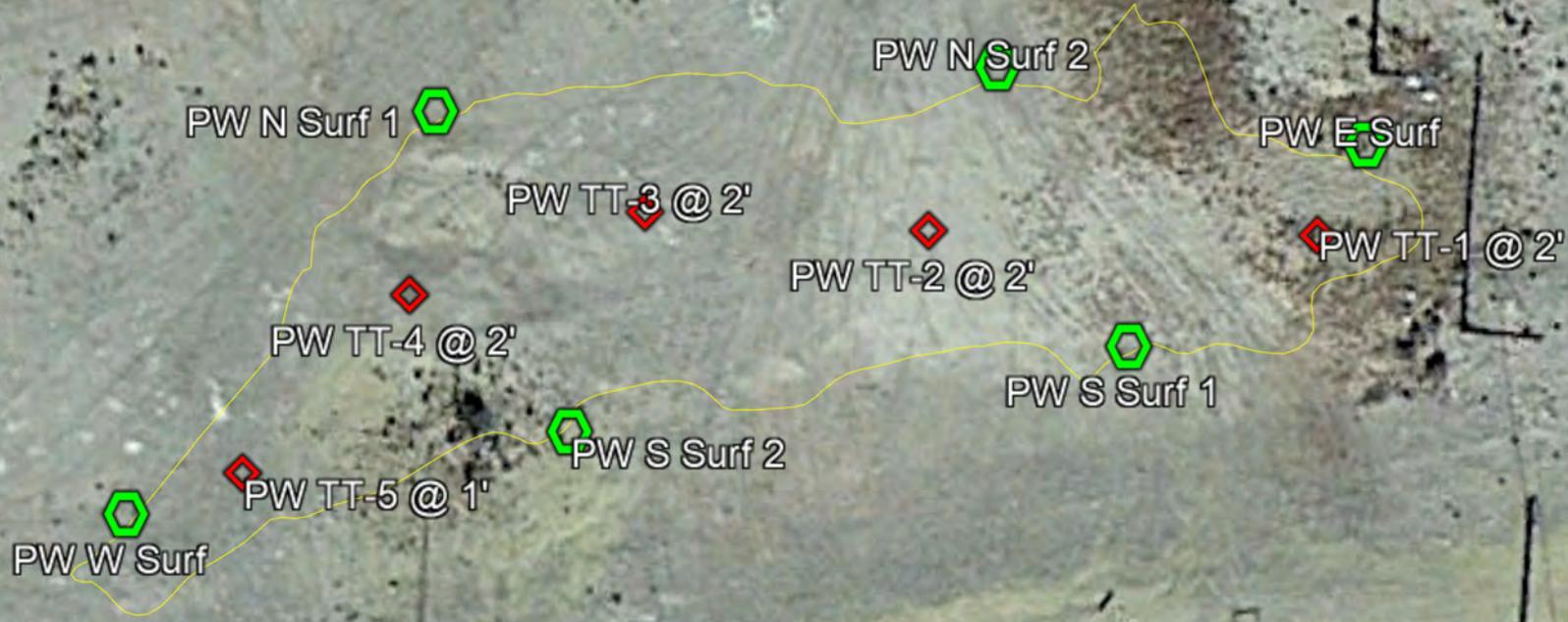
Map of Release with sample locations  
Photos of release and remediation  
NMOCD Oil and Gas Map  
NMOCD Karst Map  
FEMA Floodplain Map  
Laboratory Analysis  
C-141, pages 3-6

# EOG Resources

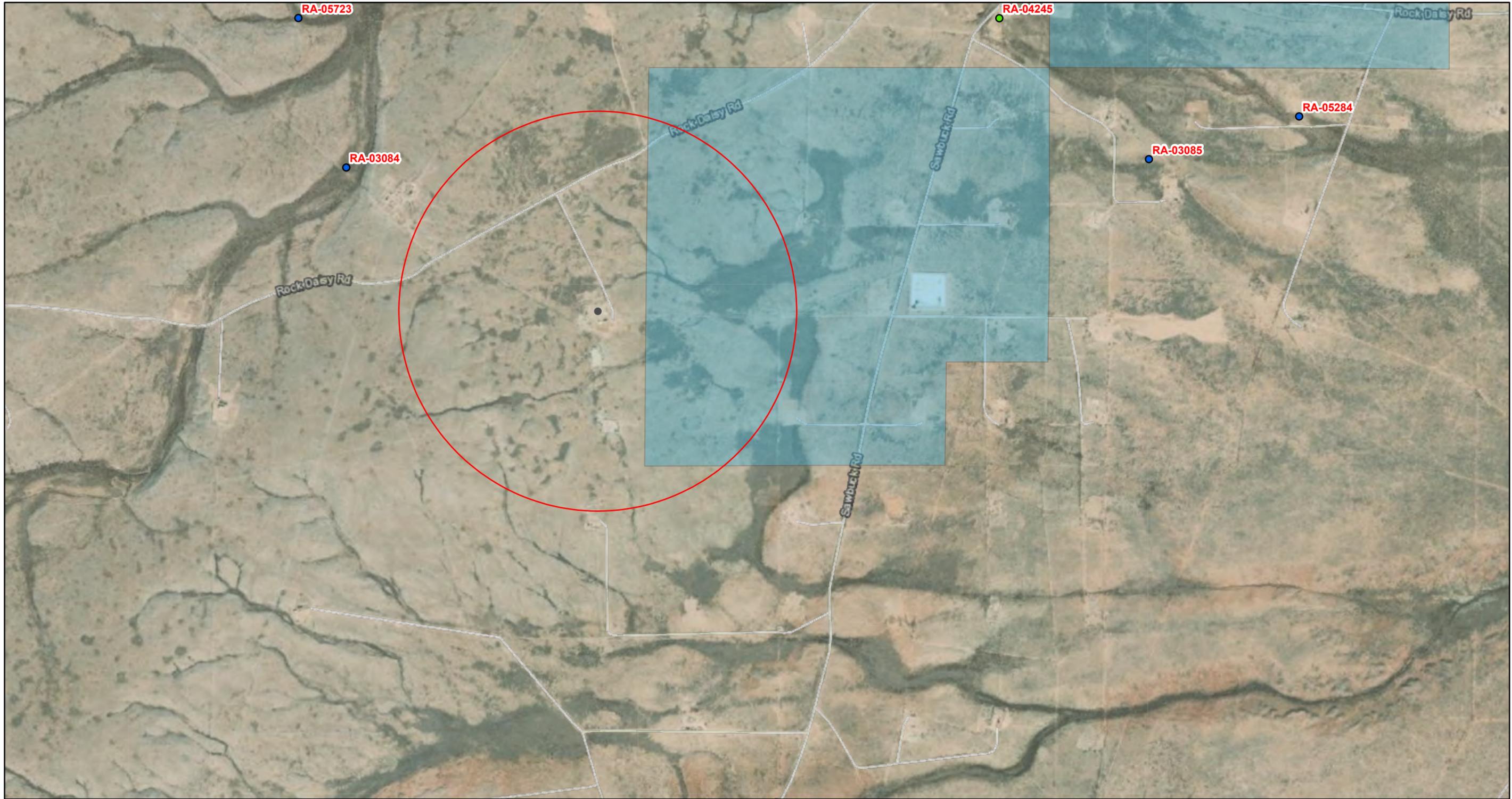
Cholla AGE Fed #1  
I-3-20S-24E  
30-015-26071  
PW Release map w/ Samples

**Legend**

- ◊ Horiz. Ext
- Release Area
- ◊ Vert. Ext



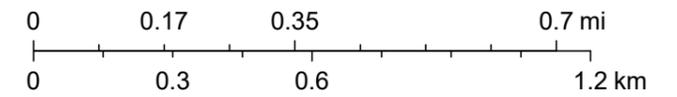
# OSE POD Locations Map



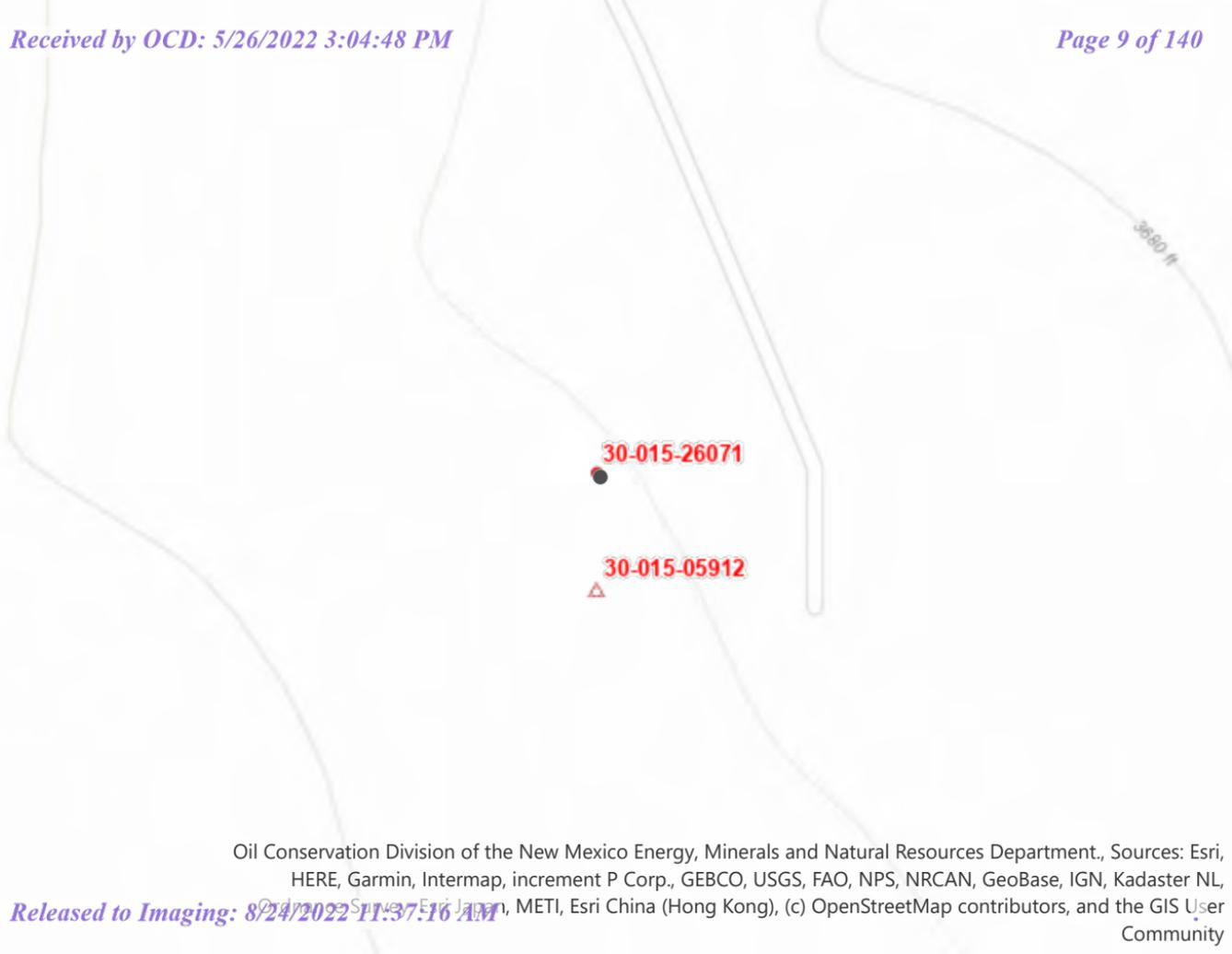
4/29/2022, 6:12:14 PM

- GIS WATERS PODs
- OSE District Boundary
  - Active
  - Pending
  - Closure Area
  - Both Estates
  - Site Boundaries
  - New Mexico State Trust Lands

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy



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, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

# National Flood Hazard Layer FIRMette



104°34'29"W 32°36'20"N



## Legend

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

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

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



104°33'52"W 32°35'50"N

Released to Imaging: 8/24/2022 11:37:16 AM

Feet 1:6,000  
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/29/2022 at 8:16 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

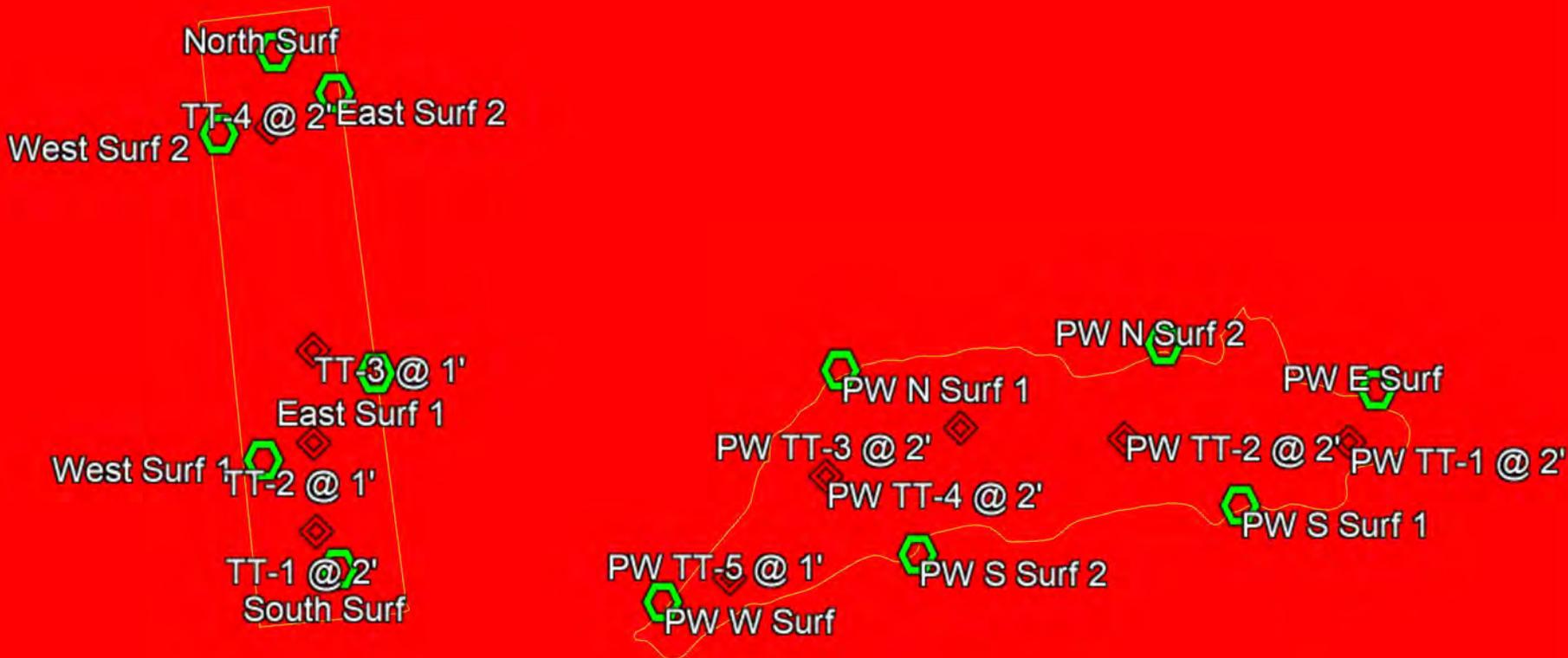
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

# EOG Resources

Cholla AGE Fed #1  
I-3-20S-24E  
30-015-26071  
Karst map - High

## Legend

-  Berm
-  Horiz. Ext
-  Vert. Ext



# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



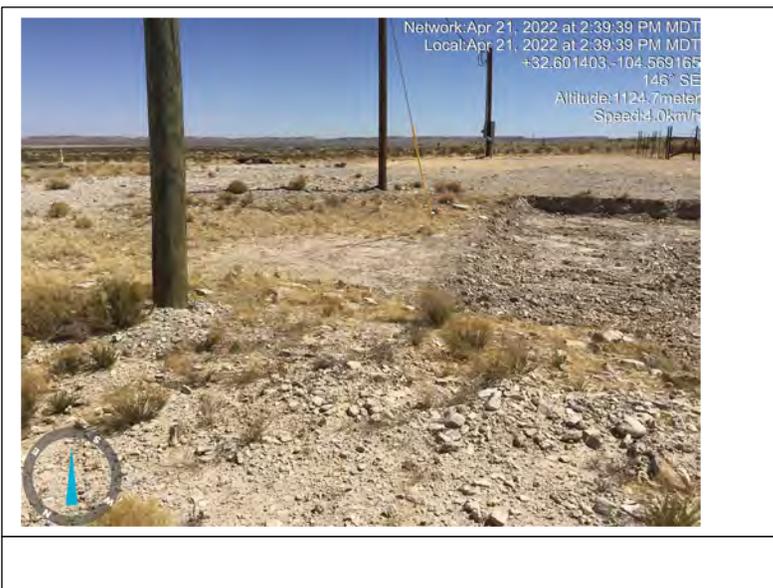
# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



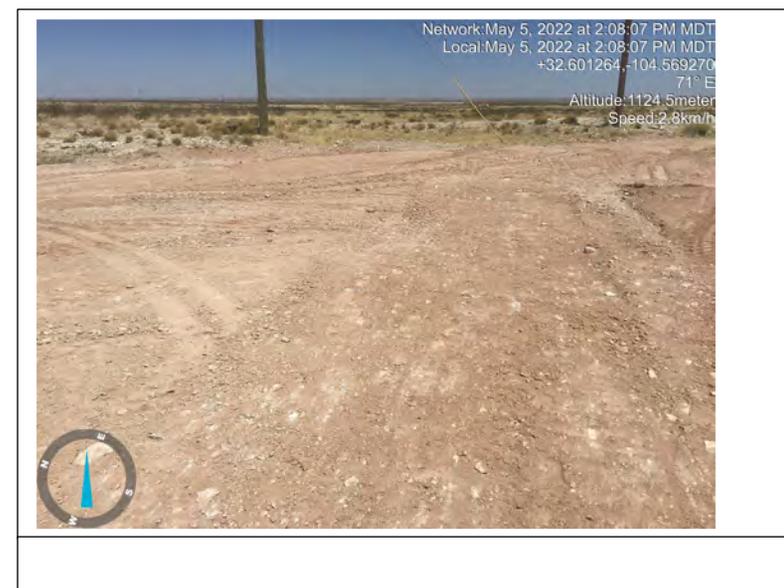
# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



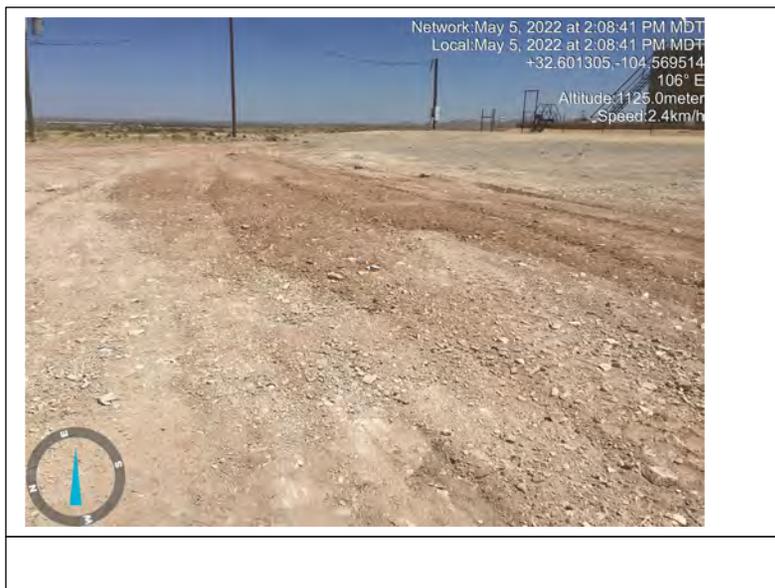
# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



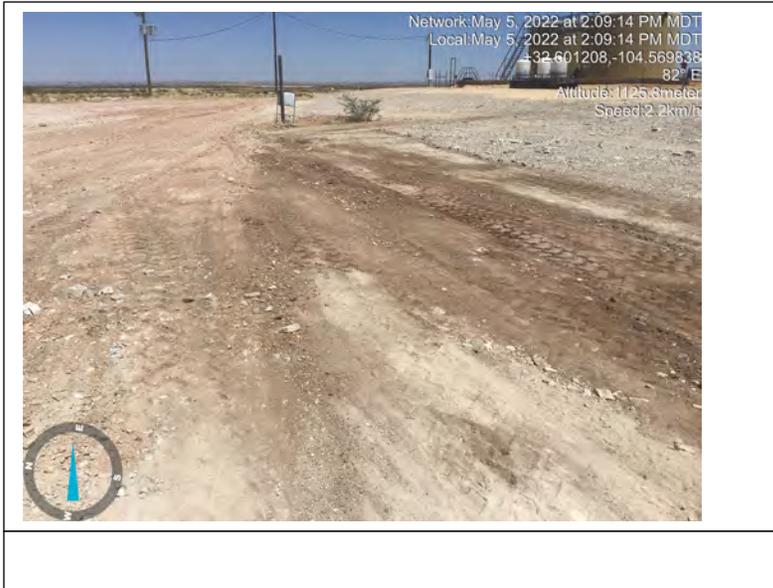
# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation



# EOG Resources – Cholla AGE Fed #1 PW Release site photos excavation & remediation





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

May 06, 2022

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

RE: EOG Cholla Age Fed 1 PW Spill

OrderNo.: 2204A77

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 21 sample(s) on 4/26/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-1 1.5ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/19/2022 9:30:00 AM

**Lab ID:** 2204A77-001

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	4/29/2022 6:07:10 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/27/2022 6:12:12 PM	67079
Surr: BFB	107	70-130		%Rec	1	4/27/2022 6:12:12 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/28/2022 5:28:33 PM	67100
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/28/2022 5:28:33 PM	67100
Surr: DNOP	97.6	51.1-141		%Rec	1	4/28/2022 5:28:33 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.024		mg/Kg	1	4/27/2022 6:12:12 PM	67079
Toluene	ND	0.048		mg/Kg	1	4/27/2022 6:12:12 PM	67079
Ethylbenzene	ND	0.048		mg/Kg	1	4/27/2022 6:12:12 PM	67079
Xylenes, Total	ND	0.096		mg/Kg	1	4/27/2022 6:12:12 PM	67079
Surr: 1,2-Dichloroethane-d4	98.3	70-130		%Rec	1	4/27/2022 6:12:12 PM	67079
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	4/27/2022 6:12:12 PM	67079
Surr: Dibromofluoromethane	122	70-130		%Rec	1	4/27/2022 6:12:12 PM	67079
Surr: Toluene-d8	92.1	70-130		%Rec	1	4/27/2022 6:12:12 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/19/2022 10:10:00 AM

**Lab ID:** 2204A77-002

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	400	60		mg/Kg	20	4/29/2022 6:19:31 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/27/2022 6:40:42 PM	67079
Surr: BFB	109	70-130		%Rec	1	4/27/2022 6:40:42 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	9.5	8.7		mg/Kg	1	4/28/2022 5:42:07 PM	67100
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	4/28/2022 5:42:07 PM	67100
Surr: DNOP	89.7	51.1-141		%Rec	1	4/28/2022 5:42:07 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.023		mg/Kg	1	4/27/2022 6:40:42 PM	67079
Toluene	ND	0.046		mg/Kg	1	4/27/2022 6:40:42 PM	67079
Ethylbenzene	ND	0.046		mg/Kg	1	4/27/2022 6:40:42 PM	67079
Xylenes, Total	ND	0.093		mg/Kg	1	4/27/2022 6:40:42 PM	67079
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	1	4/27/2022 6:40:42 PM	67079
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	4/27/2022 6:40:42 PM	67079
Surr: Dibromofluoromethane	120	70-130		%Rec	1	4/27/2022 6:40:42 PM	67079
Surr: Toluene-d8	93.7	70-130		%Rec	1	4/27/2022 6:40:42 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/19/2022 12:15:00 PM

**Lab ID:** 2204A77-003

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	4/29/2022 6:56:32 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/27/2022 7:09:12 PM	67079
Surr: BFB	109	70-130		%Rec	1	4/27/2022 7:09:12 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/28/2022 5:55:52 PM	67100
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/28/2022 5:55:52 PM	67100
Surr: DNOP	95.6	51.1-141		%Rec	1	4/28/2022 5:55:52 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.024		mg/Kg	1	4/27/2022 7:09:12 PM	67079
Toluene	ND	0.048		mg/Kg	1	4/27/2022 7:09:12 PM	67079
Ethylbenzene	ND	0.048		mg/Kg	1	4/27/2022 7:09:12 PM	67079
Xylenes, Total	ND	0.097		mg/Kg	1	4/27/2022 7:09:12 PM	67079
Surr: 1,2-Dichloroethane-d4	96.3	70-130		%Rec	1	4/27/2022 7:09:12 PM	67079
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	4/27/2022 7:09:12 PM	67079
Surr: Dibromofluoromethane	120	70-130		%Rec	1	4/27/2022 7:09:12 PM	67079
Surr: Toluene-d8	92.8	70-130		%Rec	1	4/27/2022 7:09:12 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/19/2022 12:35:00 PM

**Lab ID:** 2204A77-004

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	4/29/2022 7:33:34 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/27/2022 7:37:43 PM	67079
Surr: BFB	109	70-130		%Rec	1	4/27/2022 7:37:43 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/28/2022 6:09:31 PM	67100
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/28/2022 6:09:31 PM	67100
Surr: DNOP	89.8	51.1-141		%Rec	1	4/28/2022 6:09:31 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.025		mg/Kg	1	4/27/2022 7:37:43 PM	67079
Toluene	ND	0.049		mg/Kg	1	4/27/2022 7:37:43 PM	67079
Ethylbenzene	ND	0.049		mg/Kg	1	4/27/2022 7:37:43 PM	67079
Xylenes, Total	ND	0.098		mg/Kg	1	4/27/2022 7:37:43 PM	67079
Surr: 1,2-Dichloroethane-d4	93.9	70-130		%Rec	1	4/27/2022 7:37:43 PM	67079
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	4/27/2022 7:37:43 PM	67079
Surr: Dibromofluoromethane	117	70-130		%Rec	1	4/27/2022 7:37:43 PM	67079
Surr: Toluene-d8	92.8	70-130		%Rec	1	4/27/2022 7:37:43 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Wall

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/19/2022 9:45:00 AM

**Lab ID:** 2204A77-005

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	4/29/2022 7:45:54 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/27/2022 8:06:16 PM	67079
Surr: BFB	111	70-130		%Rec	1	4/27/2022 8:06:16 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/28/2022 6:23:21 PM	67100
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/28/2022 6:23:21 PM	67100
Surr: DNOP	92.9	51.1-141		%Rec	1	4/28/2022 6:23:21 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.025		mg/Kg	1	4/27/2022 8:06:16 PM	67079
Toluene	ND	0.050		mg/Kg	1	4/27/2022 8:06:16 PM	67079
Ethylbenzene	ND	0.050		mg/Kg	1	4/27/2022 8:06:16 PM	67079
Xylenes, Total	ND	0.10		mg/Kg	1	4/27/2022 8:06:16 PM	67079
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	4/27/2022 8:06:16 PM	67079
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	4/27/2022 8:06:16 PM	67079
Surr: Dibromofluoromethane	122	70-130		%Rec	1	4/27/2022 8:06:16 PM	67079
Surr: Toluene-d8	95.1	70-130		%Rec	1	4/27/2022 8:06:16 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-5 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 9:10:00 AM

**Lab ID:** 2204A77-006

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	110	60		mg/Kg	20	4/29/2022 7:58:15 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/27/2022 8:34:48 PM	67079
Surr: BFB	109	70-130		%Rec	1	4/27/2022 8:34:48 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	4/28/2022 6:37:17 PM	67100
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/28/2022 6:37:17 PM	67100
Surr: DNOP	86.3	51.1-141		%Rec	1	4/28/2022 6:37:17 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.023		mg/Kg	1	4/27/2022 8:34:48 PM	67079
Toluene	ND	0.046		mg/Kg	1	4/27/2022 8:34:48 PM	67079
Ethylbenzene	ND	0.046		mg/Kg	1	4/27/2022 8:34:48 PM	67079
Xylenes, Total	ND	0.091		mg/Kg	1	4/27/2022 8:34:48 PM	67079
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	4/27/2022 8:34:48 PM	67079
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	4/27/2022 8:34:48 PM	67079
Surr: Dibromofluoromethane	118	70-130		%Rec	1	4/27/2022 8:34:48 PM	67079
Surr: Toluene-d8	94.5	70-130		%Rec	1	4/27/2022 8:34:48 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-6 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 9:20:00 AM

**Lab ID:** 2204A77-007

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	4/29/2022 8:10:35 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/27/2022 9:03:31 PM	67079
Surr: BFB	106	70-130		%Rec	1	4/27/2022 9:03:31 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/28/2022 6:51:01 PM	67100
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/28/2022 6:51:01 PM	67100
Surr: DNOP	94.2	51.1-141		%Rec	1	4/28/2022 6:51:01 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.025		mg/Kg	1	4/27/2022 9:03:31 PM	67079
Toluene	ND	0.049		mg/Kg	1	4/27/2022 9:03:31 PM	67079
Ethylbenzene	ND	0.049		mg/Kg	1	4/27/2022 9:03:31 PM	67079
Xylenes, Total	ND	0.099		mg/Kg	1	4/27/2022 9:03:31 PM	67079
Surr: 1,2-Dichloroethane-d4	94.1	70-130		%Rec	1	4/27/2022 9:03:31 PM	67079
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	4/27/2022 9:03:31 PM	67079
Surr: Dibromofluoromethane	116	70-130		%Rec	1	4/27/2022 9:03:31 PM	67079
Surr: Toluene-d8	93.1	70-130		%Rec	1	4/27/2022 9:03:31 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-7 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 9:45:00 AM

**Lab ID:** 2204A77-008

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	4/29/2022 8:22:56 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/27/2022 9:32:07 PM	67079
Surr: BFB	106	70-130		%Rec	1	4/27/2022 9:32:07 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/28/2022 7:04:40 PM	67100
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/28/2022 7:04:40 PM	67100
Surr: DNOP	105	51.1-141		%Rec	1	4/28/2022 7:04:40 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.025		mg/Kg	1	4/27/2022 9:32:07 PM	67079
Toluene	ND	0.050		mg/Kg	1	4/27/2022 9:32:07 PM	67079
Ethylbenzene	ND	0.050		mg/Kg	1	4/27/2022 9:32:07 PM	67079
Xylenes, Total	ND	0.10		mg/Kg	1	4/27/2022 9:32:07 PM	67079
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	4/27/2022 9:32:07 PM	67079
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	4/27/2022 9:32:07 PM	67079
Surr: Dibromofluoromethane	119	70-130		%Rec	1	4/27/2022 9:32:07 PM	67079
Surr: Toluene-d8	92.1	70-130		%Rec	1	4/27/2022 9:32:07 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-8 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 10:05:00 AM

**Lab ID:** 2204A77-009

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	110	61		mg/Kg	20	4/29/2022 8:35:17 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/27/2022 10:00:43 PM	67079
Surr: BFB	107	70-130		%Rec	1	4/27/2022 10:00:43 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/28/2022 7:18:31 PM	67100
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/28/2022 7:18:31 PM	67100
Surr: DNOP	88.7	51.1-141		%Rec	1	4/28/2022 7:18:31 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.024		mg/Kg	1	4/27/2022 10:00:43 PM	67079
Toluene	ND	0.047		mg/Kg	1	4/27/2022 10:00:43 PM	67079
Ethylbenzene	ND	0.047		mg/Kg	1	4/27/2022 10:00:43 PM	67079
Xylenes, Total	ND	0.095		mg/Kg	1	4/27/2022 10:00:43 PM	67079
Surr: 1,2-Dichloroethane-d4	95.7	70-130		%Rec	1	4/27/2022 10:00:43 PM	67079
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	4/27/2022 10:00:43 PM	67079
Surr: Dibromofluoromethane	120	70-130		%Rec	1	4/27/2022 10:00:43 PM	67079
Surr: Toluene-d8	91.8	70-130		%Rec	1	4/27/2022 10:00:43 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-9 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 10:20:00 AM

**Lab ID:** 2204A77-010

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	60		mg/Kg	20	4/29/2022 8:47:38 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/27/2022 10:29:22 PM	67079
Surr: BFB	112	70-130		%Rec	1	4/27/2022 10:29:22 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/28/2022 7:32:15 PM	67100
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/28/2022 7:32:15 PM	67100
Surr: DNOP	92.7	51.1-141		%Rec	1	4/28/2022 7:32:15 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.023		mg/Kg	1	4/27/2022 10:29:22 PM	67079
Toluene	ND	0.046		mg/Kg	1	4/27/2022 10:29:22 PM	67079
Ethylbenzene	ND	0.046		mg/Kg	1	4/27/2022 10:29:22 PM	67079
Xylenes, Total	ND	0.092		mg/Kg	1	4/27/2022 10:29:22 PM	67079
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	1	4/27/2022 10:29:22 PM	67079
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	4/27/2022 10:29:22 PM	67079
Surr: Dibromofluoromethane	117	70-130		%Rec	1	4/27/2022 10:29:22 PM	67079
Surr: Toluene-d8	96.7	70-130		%Rec	1	4/27/2022 10:29:22 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-10 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 10:35:00 AM

**Lab ID:** 2204A77-011

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	100	60		mg/Kg	20	4/29/2022 9:24:41 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/27/2022 10:57:50 PM	67079
Surr: BFB	107	70-130		%Rec	1	4/27/2022 10:57:50 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	4/28/2022 7:46:10 PM	67100
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	4/28/2022 7:46:10 PM	67100
Surr: DNOP	84.6	51.1-141		%Rec	1	4/28/2022 7:46:10 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.024		mg/Kg	1	4/27/2022 10:57:50 PM	67079
Toluene	ND	0.048		mg/Kg	1	4/27/2022 10:57:50 PM	67079
Ethylbenzene	ND	0.048		mg/Kg	1	4/27/2022 10:57:50 PM	67079
Xylenes, Total	ND	0.097		mg/Kg	1	4/27/2022 10:57:50 PM	67079
Surr: 1,2-Dichloroethane-d4	96.9	70-130		%Rec	1	4/27/2022 10:57:50 PM	67079
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	4/27/2022 10:57:50 PM	67079
Surr: Dibromofluoromethane	116	70-130		%Rec	1	4/27/2022 10:57:50 PM	67079
Surr: Toluene-d8	92.5	70-130		%Rec	1	4/27/2022 10:57:50 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-11 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

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

**Lab ID:** 2204A77-012

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	ND	59		mg/Kg	20	4/29/2022 9:37:01 PM	67170
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/27/2022 11:26:17 PM	67079
Surr: BFB	110	70-130		%Rec	1	4/27/2022 11:26:17 PM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	4/28/2022 8:00:05 PM	67100
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	4/28/2022 8:00:05 PM	67100
Surr: DNOP	95.1	51.1-141		%Rec	1	4/28/2022 8:00:05 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.023		mg/Kg	1	4/27/2022 11:26:17 PM	67079
Toluene	ND	0.047		mg/Kg	1	4/27/2022 11:26:17 PM	67079
Ethylbenzene	ND	0.047		mg/Kg	1	4/27/2022 11:26:17 PM	67079
Xylenes, Total	ND	0.094		mg/Kg	1	4/27/2022 11:26:17 PM	67079
Surr: 1,2-Dichloroethane-d4	99.3	70-130		%Rec	1	4/27/2022 11:26:17 PM	67079
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	4/27/2022 11:26:17 PM	67079
Surr: Dibromofluoromethane	119	70-130		%Rec	1	4/27/2022 11:26:17 PM	67079
Surr: Toluene-d8	93.7	70-130		%Rec	1	4/27/2022 11:26:17 PM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-12 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

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

**Lab ID:** 2204A77-013

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	110	60		mg/Kg	20	5/2/2022 12:58:05 PM	67189
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 1:49:01 AM	67079
Surr: BFB	113	70-130		%Rec	1	4/28/2022 1:49:01 AM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/28/2022 8:13:44 PM	67100
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/28/2022 8:13:44 PM	67100
Surr: DNOP	88.1	51.1-141		%Rec	1	4/28/2022 8:13:44 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.024		mg/Kg	1	4/28/2022 1:49:01 AM	67079
Toluene	ND	0.048		mg/Kg	1	4/28/2022 1:49:01 AM	67079
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 1:49:01 AM	67079
Xylenes, Total	ND	0.096		mg/Kg	1	4/28/2022 1:49:01 AM	67079
Surr: 1,2-Dichloroethane-d4	99.1	70-130		%Rec	1	4/28/2022 1:49:01 AM	67079
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	4/28/2022 1:49:01 AM	67079
Surr: Dibromofluoromethane	122	70-130		%Rec	1	4/28/2022 1:49:01 AM	67079
Surr: Toluene-d8	95.0	70-130		%Rec	1	4/28/2022 1:49:01 AM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** SP-13 2ft

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 11:45:00 AM

**Lab ID:** 2204A77-014

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 1:10:29 PM	67189
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 2:17:40 AM	67079
Surr: BFB	108	70-130		%Rec	1	4/28/2022 2:17:40 AM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/28/2022 8:27:22 PM	67100
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/28/2022 8:27:22 PM	67100
Surr: DNOP	92.2	51.1-141		%Rec	1	4/28/2022 8:27:22 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.024		mg/Kg	1	4/28/2022 2:17:40 AM	67079
Toluene	ND	0.048		mg/Kg	1	4/28/2022 2:17:40 AM	67079
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 2:17:40 AM	67079
Xylenes, Total	ND	0.095		mg/Kg	1	4/28/2022 2:17:40 AM	67079
Surr: 1,2-Dichloroethane-d4	95.7	70-130		%Rec	1	4/28/2022 2:17:40 AM	67079
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	4/28/2022 2:17:40 AM	67079
Surr: Dibromofluoromethane	116	70-130		%Rec	1	4/28/2022 2:17:40 AM	67079
Surr: Toluene-d8	96.6	70-130		%Rec	1	4/28/2022 2:17:40 AM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Wall 1

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 12:20:00 PM

**Lab ID:** 2204A77-015

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	130	60		mg/Kg	20	5/2/2022 2:24:56 PM	67189
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 2:46:15 AM	67079
Surr: BFB	109	70-130		%Rec	1	4/28/2022 2:46:15 AM	67079
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	4/28/2022 8:40:57 PM	67100
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	4/28/2022 8:40:57 PM	67100
Surr: DNOP	85.3	51.1-141		%Rec	1	4/28/2022 8:40:57 PM	67100
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JR</b>
Benzene	ND	0.024		mg/Kg	1	4/28/2022 2:46:15 AM	67079
Toluene	ND	0.048		mg/Kg	1	4/28/2022 2:46:15 AM	67079
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 2:46:15 AM	67079
Xylenes, Total	ND	0.096		mg/Kg	1	4/28/2022 2:46:15 AM	67079
Surr: 1,2-Dichloroethane-d4	96.8	70-130		%Rec	1	4/28/2022 2:46:15 AM	67079
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	4/28/2022 2:46:15 AM	67079
Surr: Dibromofluoromethane	117	70-130		%Rec	1	4/28/2022 2:46:15 AM	67079
Surr: Toluene-d8	96.0	70-130		%Rec	1	4/28/2022 2:46:15 AM	67079

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Wall 2

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 12:45:00 PM

**Lab ID:** 2204A77-016

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	130	60		mg/Kg	20	5/2/2022 2:37:20 PM	67189
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/2/2022 11:24:44 AM	67101
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/2/2022 11:24:44 AM	67101
Surr: DNOP	96.0	51.1-141		%Rec	1	5/2/2022 11:24:44 AM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/27/2022 10:24:00 PM	67080
Surr: BFB	107	37.7-212		%Rec	1	4/27/2022 10:24:00 PM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/27/2022 10:24:00 PM	67080
Toluene	ND	0.048		mg/Kg	1	4/27/2022 10:24:00 PM	67080
Ethylbenzene	ND	0.048		mg/Kg	1	4/27/2022 10:24:00 PM	67080
Xylenes, Total	ND	0.096		mg/Kg	1	4/27/2022 10:24:00 PM	67080
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	4/27/2022 10:24:00 PM	67080

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Wall 3

**Project:** EOG Cholla Age Fed 1 PW Spill

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

**Lab ID:** 2204A77-017

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 2:49:45 PM	67189
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/2/2022 11:48:33 AM	67101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/2/2022 11:48:33 AM	67101
Surr: DNOP	98.2	51.1-141		%Rec	1	5/2/2022 11:48:33 AM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/27/2022 11:23:00 PM	67080
Surr: BFB	108	37.7-212		%Rec	1	4/27/2022 11:23:00 PM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/27/2022 11:23:00 PM	67080
Toluene	ND	0.049		mg/Kg	1	4/27/2022 11:23:00 PM	67080
Ethylbenzene	ND	0.049		mg/Kg	1	4/27/2022 11:23:00 PM	67080
Xylenes, Total	ND	0.098		mg/Kg	1	4/27/2022 11:23:00 PM	67080
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	4/27/2022 11:23:00 PM	67080

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Wall

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 1:15:00 PM

**Lab ID:** 2204A77-018

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 3:02:10 PM	67189
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/2/2022 12:12:31 PM	67101
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/2/2022 12:12:31 PM	67101
Surr: DNOP	99.2	51.1-141		%Rec	1	5/2/2022 12:12:31 PM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/28/2022 12:22:00 AM	67080
Surr: BFB	107	37.7-212		%Rec	1	4/28/2022 12:22:00 AM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/28/2022 12:22:00 AM	67080
Toluene	ND	0.049		mg/Kg	1	4/28/2022 12:22:00 AM	67080
Ethylbenzene	ND	0.049		mg/Kg	1	4/28/2022 12:22:00 AM	67080
Xylenes, Total	ND	0.098		mg/Kg	1	4/28/2022 12:22:00 AM	67080
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	4/28/2022 12:22:00 AM	67080

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Wall 1

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 1:35:00 PM

**Lab ID:** 2204A77-019

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	64	60		mg/Kg	20	5/2/2022 3:14:35 PM	67189
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/2/2022 1:24:08 PM	67101
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2022 1:24:08 PM	67101
Surr: DNOP	97.3	51.1-141		%Rec	1	5/2/2022 1:24:08 PM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/28/2022 12:42:00 AM	67080
Surr: BFB	104	37.7-212		%Rec	1	4/28/2022 12:42:00 AM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/28/2022 12:42:00 AM	67080
Toluene	ND	0.049		mg/Kg	1	4/28/2022 12:42:00 AM	67080
Ethylbenzene	ND	0.049		mg/Kg	1	4/28/2022 12:42:00 AM	67080
Xylenes, Total	ND	0.098		mg/Kg	1	4/28/2022 12:42:00 AM	67080
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	4/28/2022 12:42:00 AM	67080

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Wall 2

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 1:45:00 PM

**Lab ID:** 2204A77-020

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 3:51:50 PM	67189
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	5/2/2022 1:48:06 PM	67101
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/2/2022 1:48:06 PM	67101
Surr: DNOP	101	51.1-141		%Rec	1	5/2/2022 1:48:06 PM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/28/2022 1:02:00 AM	67080
Surr: BFB	107	37.7-212		%Rec	1	4/28/2022 1:02:00 AM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/28/2022 1:02:00 AM	67080
Toluene	ND	0.050		mg/Kg	1	4/28/2022 1:02:00 AM	67080
Ethylbenzene	ND	0.050		mg/Kg	1	4/28/2022 1:02:00 AM	67080
Xylenes, Total	ND	0.099		mg/Kg	1	4/28/2022 1:02:00 AM	67080
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	4/28/2022 1:02:00 AM	67080

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

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

**Analytical Report**

Lab Order **2204A77**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Wall 3

**Project:** EOG Cholla Age Fed 1 PW Spill

**Collection Date:** 4/20/2022 2:05:00 PM

**Lab ID:** 2204A77-021

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 4:04:14 PM	67189
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	5/2/2022 2:12:01 PM	67101
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/2/2022 2:12:01 PM	67101
Surr: DNOP	105	51.1-141		%Rec	1	5/2/2022 2:12:01 PM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/28/2022 1:22:00 AM	67080
Surr: BFB	105	37.7-212		%Rec	1	4/28/2022 1:22:00 AM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/28/2022 1:22:00 AM	67080
Toluene	ND	0.046		mg/Kg	1	4/28/2022 1:22:00 AM	67080
Ethylbenzene	ND	0.046		mg/Kg	1	4/28/2022 1:22:00 AM	67080
Xylenes, Total	ND	0.093		mg/Kg	1	4/28/2022 1:22:00 AM	67080
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	4/28/2022 1:22:00 AM	67080

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

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A77

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 PW Spill

Sample ID: <b>MB-67170</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67170</b>	RunNo: <b>87647</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>4/29/2022</b>	SeqNo: <b>3102914</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67170</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67170</b>	RunNo: <b>87647</b>								
Prep Date: <b>4/29/2022</b>	Analysis Date: <b>4/29/2022</b>	SeqNo: <b>3102915</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: <b>MB-67189</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67189</b>	RunNo: <b>87650</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3104322</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67189</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67189</b>	RunNo: <b>87650</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3104323</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A77

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 PW Spill

Sample ID: <b>MB-67100</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67100</b>	RunNo: <b>87594</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3100323</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.4		10.00		73.6	51.1	141			

Sample ID: <b>LCS-67100</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67100</b>	RunNo: <b>87594</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3100324</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	68.9	135			
Surr: DNOP	3.4		5.000		69.0	51.1	141			

Sample ID: <b>LCS-67101</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67101</b>	RunNo: <b>87613</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3101293</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.9	68.9	135			
Surr: DNOP	4.6		5.000		91.3	51.1	141			

Sample ID: <b>MB-67101</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67101</b>	RunNo: <b>87613</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3101297</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.4	51.1	141			

Sample ID: <b>2204A77-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-1 1.5ft</b>	Batch ID: <b>67100</b>	RunNo: <b>87593</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3101377</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	9.7	48.40	0	80.9	36.1	154			
Surr: DNOP	4.5		4.840		92.8	51.1	141			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A77

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 PW Spill

Sample ID: <b>2204A77-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-1 1.5ft</b>	Batch ID: <b>67100</b>	RunNo: <b>87593</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3101380</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.3	46.69	0	86.7	36.1	154	3.38	33.9	
Surr: DNOP	4.7		4.669		101	51.1	141	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A77

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 PW Spill

Sample ID: <b>ics-67080</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098917</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	116	72.3	137			
Surr: BFB	2300		1000		234	37.7	212			S

Sample ID: <b>mb-67080</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098918</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	37.7	212			

Sample ID: <b>2204a77-016ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>South Wall 2</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098920</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	4.8	24.11	0	124	70	130			
Surr: BFB	2300		964.3		243	37.7	212			S

Sample ID: <b>2204a77-016amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>South Wall 2</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098921</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.8	23.99	0	128	70	130	2.85	20	
Surr: BFB	2400		959.7		252	37.7	212	0	0	S

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A77

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 PW Spill

Sample ID: <b>ics-67080</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098955</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.8	80	120			
Toluene	0.93	0.050	1.000	0	92.5	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	70	130			

Sample ID: <b>mb-67080</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098956</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		85.6	70	130			

Sample ID: <b>2204a77-017ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>South Wall 3</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098959</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	0.9833	0	96.3	68.8	120			
Toluene	0.97	0.049	0.9833	0	98.9	73.6	124			
Ethylbenzene	0.99	0.049	0.9833	0	101	72.7	129			
Xylenes, Total	3.0	0.098	2.950	0	101	75.7	126			
Surr: 4-Bromofluorobenzene	0.87		0.9833		88.2	70	130			

Sample ID: <b>2204a77-017amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>South Wall 3</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/28/2022</b>		SeqNo: <b>3098960</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	0.9833	0	97.9	68.8	120	1.66	20	
Toluene	1.0	0.049	0.9833	0	102	73.6	124	2.61	20	
Ethylbenzene	1.0	0.049	0.9833	0	103	72.7	129	2.23	20	
Xylenes, Total	3.0	0.098	2.950	0	103	75.7	126	2.63	20	
Surr: 4-Bromofluorobenzene	0.85		0.9833		86.9	70	130	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A77

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 PW Spill

Sample ID: <b>ics-67079</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67079</b>	RunNo: <b>87577</b>								
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>	SeqNo: <b>3099282</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	106	70	130			
Toluene	0.89	0.050	1.000	0	89.1	70	130			
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		96.8	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.5	70	130			
Surr: Dibromofluoromethane	0.62		0.5000		123	70	130			
Surr: Toluene-d8	0.46		0.5000		92.9	70	130			

Sample ID: <b>mb-67079</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67079</b>	RunNo: <b>87577</b>								
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>	SeqNo: <b>3099283</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.47		0.5000		94.8	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.8	70	130			
Surr: Dibromofluoromethane	0.58		0.5000		117	70	130			
Surr: Toluene-d8	0.47		0.5000		94.6	70	130			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A77

06-May-22

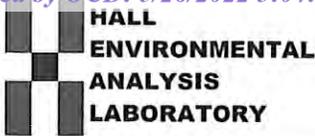
**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 PW Spill

Sample ID: <b>mb-67079</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67079</b>	RunNo: <b>87577</b>								
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>	SeqNo: <b>3099307</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	550		500.0		110	70	130			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions Work Order Number: 2204A77 RcptNo: 1

Received By: Juan Rojas 4/26/2022 8:30:00 AM

Juan Rojas signature

Completed By: Sean Livingston 4/26/2022 8:48:51 AM

Sean Livingston signature

Reviewed By: KPG 4/26/22

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: jn 4/26/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 4.0, Good, [ ], [ ], [ ]



### Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 703 E. Clinton

Albuquerque, NM 88240

Phone #: 575-397-0510

email or Fax#: \_\_\_\_\_

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type) \_\_\_\_\_

Turn-Around Time:  Standard  Rush 50m  
 Project Name: EOG  
Chgo 100 Aged Fed. 1  
P.W. Spill  
 Project #: EOG-12-005

Project Manager: Allen, Bob  
 Sampler: Sammy  
 On Ice:  Yes  No

# of Coolers: 1  
 Cooler Temp (including cp): 40.0 = 4.0 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
04/20	1120	S	SP-12 2FT	1	Jac	013
	1145	S	SP-13 2FT	1		014
	1220	S	South Well 1	1		015
	1245	S	South Well 2	1		016
	1300	S	South Well 3	1		017
	1315	S	West Well	1		018
	1335	S	Northwell 1	1		019
	1345	S	Northwell 2	1		020
04/20	1405	S	Northwell 3	1		021

Relinquished by: Sammy Date: 4/25/2000  
 Relinquished by: Allen Date: 4/26/2000

Received by: Allen Date: 4/26/2000  
 Received by: Allen Date: 4/26/2000

### Analysis Request

BTEX / MTBE / TMBs (8021)	XX
TPH:8015D(GRO / DRO / MRO)	XX
8081 Pesticides/8082 PCBs	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	XX

Remarks: Buy EOG Direct.  
I need (P.W. Spill) on Project Name  
on Analysis Report



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

April 14, 2022

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

RE: EOG Cholla AGE FED 1

OrderNo.: 2203G88

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 20 sample(s) on 3/31/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 10:55:00 AM

**Lab ID:** 2203G88-001

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	460	60		mg/Kg	20	4/6/2022 4:20:18 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	92	8.6		mg/Kg	1	4/4/2022 6:15:36 PM	66560
Motor Oil Range Organics (MRO)	200	43		mg/Kg	1	4/4/2022 6:15:36 PM	66560
Surr: DNOP	96.3	51.1-141		%Rec	1	4/4/2022 6:15:36 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 6:23:25 AM	66547
Surr: BFB	96.1	37.7-212		%Rec	1	4/2/2022 6:23:25 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/2/2022 6:23:25 AM	66547
Toluene	ND	0.049		mg/Kg	1	4/2/2022 6:23:25 AM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 6:23:25 AM	66547
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 6:23:25 AM	66547
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	4/2/2022 6:23:25 AM	66547

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 11:00:00 AM

**Lab ID:** 2203G88-002

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/6/2022 5:04:57 PM	66666
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	4/4/2022 6:37:19 PM	66560
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 6:37:19 PM	66560
Surr: DNOP	93.9	51.1-141		%Rec	1	4/4/2022 6:37:19 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 6:46:53 AM	66547
Surr: BFB	96.0	37.7-212		%Rec	1	4/2/2022 6:46:53 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/2/2022 6:46:53 AM	66547
Toluene	ND	0.049		mg/Kg	1	4/2/2022 6:46:53 AM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 6:46:53 AM	66547
Xylenes, Total	ND	0.099		mg/Kg	1	4/2/2022 6:46:53 AM	66547
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	4/2/2022 6:46:53 AM	66547

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 11:20:00 AM

**Lab ID:** 2203G88-003

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	4/6/2022 4:32:43 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/4/2022 6:48:13 PM	66560
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 6:48:13 PM	66560
Surr: DNOP	93.4	51.1-141		%Rec	1	4/4/2022 6:48:13 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 7:10:19 AM	66547
Surr: BFB	98.1	37.7-212		%Rec	1	4/2/2022 7:10:19 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/2/2022 7:10:19 AM	66547
Toluene	ND	0.048		mg/Kg	1	4/2/2022 7:10:19 AM	66547
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 7:10:19 AM	66547
Xylenes, Total	ND	0.097		mg/Kg	1	4/2/2022 7:10:19 AM	66547
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	4/2/2022 7:10:19 AM	66547

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 11:40:00 AM

**Lab ID:** 2203G88-004

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	480	60		mg/Kg	20	4/6/2022 4:45:07 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	100	9.5		mg/Kg	1	4/4/2022 6:59:08 PM	66560
Motor Oil Range Organics (MRO)	240	47		mg/Kg	1	4/4/2022 6:59:08 PM	66560
Surr: DNOP	89.0	51.1-141		%Rec	1	4/4/2022 6:59:08 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 7:33:44 AM	66547
Surr: BFB	95.7	37.7-212		%Rec	1	4/2/2022 7:33:44 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/2/2022 7:33:44 AM	66547
Toluene	ND	0.048		mg/Kg	1	4/2/2022 7:33:44 AM	66547
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 7:33:44 AM	66547
Xylenes, Total	ND	0.095		mg/Kg	1	4/2/2022 7:33:44 AM	66547
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	4/2/2022 7:33:44 AM	66547

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 11:45:00 AM

**Lab ID:** 2203G88-005

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	300	60		mg/Kg	20	4/6/2022 4:57:31 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2022 7:20:44 PM	66560
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2022 7:20:44 PM	66560
Surr: DNOP	93.8	51.1-141		%Rec	1	4/4/2022 7:20:44 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/2/2022 7:57:12 AM	66547
Surr: BFB	96.2	37.7-212		%Rec	1	4/2/2022 7:57:12 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/2/2022 7:57:12 AM	66547
Toluene	ND	0.047		mg/Kg	1	4/2/2022 7:57:12 AM	66547
Ethylbenzene	ND	0.047		mg/Kg	1	4/2/2022 7:57:12 AM	66547
Xylenes, Total	ND	0.094		mg/Kg	1	4/2/2022 7:57:12 AM	66547
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	4/2/2022 7:57:12 AM	66547

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 12:20:00 PM

**Lab ID:** 2203G88-006

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	83	61		mg/Kg	20	4/6/2022 5:34:43 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/4/2022 7:31:33 PM	66560
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 7:31:33 PM	66560
Surr: DNOP	90.2	51.1-141		%Rec	1	4/4/2022 7:31:33 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 8:20:47 AM	66547
Surr: BFB	95.7	37.7-212		%Rec	1	4/2/2022 8:20:47 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/2/2022 8:20:47 AM	66547
Toluene	ND	0.049		mg/Kg	1	4/2/2022 8:20:47 AM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 8:20:47 AM	66547
Xylenes, Total	ND	0.099		mg/Kg	1	4/2/2022 8:20:47 AM	66547
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	4/2/2022 8:20:47 AM	66547

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 12:30:00 PM

**Lab ID:** 2203G88-007

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	19000	1500		mg/Kg	500	4/7/2022 11:02:43 AM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	130	9.0		mg/Kg	1	4/4/2022 7:42:20 PM	66560
Motor Oil Range Organics (MRO)	52	45		mg/Kg	1	4/4/2022 7:42:20 PM	66560
Surr: DNOP	105	51.1-141		%Rec	1	4/4/2022 7:42:20 PM	66560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 8:44:19 AM	66547
Surr: BFB	91.7	37.7-212		%Rec	1	4/2/2022 8:44:19 AM	66547
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/2/2022 8:44:19 AM	66547
Toluene	ND	0.049		mg/Kg	1	4/2/2022 8:44:19 AM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 8:44:19 AM	66547
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 8:44:19 AM	66547
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	4/2/2022 8:44:19 AM	66547

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 12:50:00 PM

**Lab ID:** 2203G88-008

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	860	60		mg/Kg	20	4/6/2022 6:06:43 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2022 3:42:37 PM	66582
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2022 3:42:37 PM	66582
Surr: DNOP	79.8	51.1-141		%Rec	1	4/4/2022 3:42:37 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/4/2022 9:47:57 PM	66551
Surr: BFB	98.6	37.7-212		%Rec	1	4/4/2022 9:47:57 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/4/2022 9:47:57 PM	66551
Toluene	ND	0.048		mg/Kg	1	4/4/2022 9:47:57 PM	66551
Ethylbenzene	ND	0.048		mg/Kg	1	4/4/2022 9:47:57 PM	66551
Xylenes, Total	ND	0.096		mg/Kg	1	4/4/2022 9:47:57 PM	66551
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/4/2022 9:47:57 PM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 1:15:00 PM

**Lab ID:** 2203G88-009

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	520	60		mg/Kg	20	4/6/2022 6:19:03 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	9.3	9.3		mg/Kg	1	4/4/2022 4:55:25 PM	66582
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 4:55:25 PM	66582
Surr: DNOP	86.8	51.1-141		%Rec	1	4/4/2022 4:55:25 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/4/2022 10:59:06 PM	66551
Surr: BFB	98.0	37.7-212		%Rec	1	4/4/2022 10:59:06 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/4/2022 10:59:06 PM	66551
Toluene	ND	0.048		mg/Kg	1	4/4/2022 10:59:06 PM	66551
Ethylbenzene	ND	0.048		mg/Kg	1	4/4/2022 10:59:06 PM	66551
Xylenes, Total	ND	0.096		mg/Kg	1	4/4/2022 10:59:06 PM	66551
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/4/2022 10:59:06 PM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 1:25:00 PM

**Lab ID:** 2203G88-010

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	12000	600		mg/Kg	200	4/7/2022 2:15:53 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/4/2022 5:19:46 PM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 5:19:46 PM	66582
Surr: DNOP	93.9	51.1-141		%Rec	1	4/4/2022 5:19:46 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 12:10:16 AM	66551
Surr: BFB	95.1	37.7-212		%Rec	1	4/5/2022 12:10:16 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 12:10:16 AM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 12:10:16 AM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 12:10:16 AM	66551
Xylenes, Total	ND	0.097		mg/Kg	1	4/5/2022 12:10:16 AM	66551
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	4/5/2022 12:10:16 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 1:30:00 PM

**Lab ID:** 2203G88-011

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	860	60		mg/Kg	20	4/6/2022 7:08:26 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/4/2022 5:44:07 PM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 5:44:07 PM	66582
Surr: DNOP	74.9	51.1-141		%Rec	1	4/4/2022 5:44:07 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 1:20:54 AM	66551
Surr: BFB	100	37.7-212		%Rec	1	4/5/2022 1:20:54 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	4/5/2022 1:20:54 AM	66551
Toluene	ND	0.047		mg/Kg	1	4/5/2022 1:20:54 AM	66551
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 1:20:54 AM	66551
Xylenes, Total	ND	0.093		mg/Kg	1	4/5/2022 1:20:54 AM	66551
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/5/2022 1:20:54 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 1:50:00 PM

**Lab ID:** 2203G88-012

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/6/2022 7:20:47 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/4/2022 6:08:45 PM	66582
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 6:08:45 PM	66582
Surr: DNOP	73.9	51.1-141		%Rec	1	4/4/2022 6:08:45 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 1:44:39 AM	66551
Surr: BFB	98.8	37.7-212		%Rec	1	4/5/2022 1:44:39 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/5/2022 1:44:39 AM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 1:44:39 AM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 1:44:39 AM	66551
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2022 1:44:39 AM	66551
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	4/5/2022 1:44:39 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 2:00:00 PM

**Lab ID:** 2203G88-013

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	12000	600		mg/Kg	200	4/7/2022 2:52:55 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/5/2022 2:20:11 PM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/5/2022 2:20:11 PM	66582
Surr: DNOP	105	51.1-141		%Rec	1	4/5/2022 2:20:11 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 2:08:21 AM	66551
Surr: BFB	95.1	37.7-212		%Rec	1	4/5/2022 2:08:21 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 2:08:21 AM	66551
Toluene	ND	0.048		mg/Kg	1	4/5/2022 2:08:21 AM	66551
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 2:08:21 AM	66551
Xylenes, Total	ND	0.097		mg/Kg	1	4/5/2022 2:08:21 AM	66551
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	4/5/2022 2:08:21 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 2:25:00 PM

**Lab ID:** 2203G88-014

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	73	61		mg/Kg	20	4/6/2022 7:45:28 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/4/2022 6:57:44 PM	66582
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 6:57:44 PM	66582
Surr: DNOP	104	51.1-141		%Rec	1	4/4/2022 6:57:44 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 2:32:00 AM	66551
Surr: BFB	99.5	37.7-212		%Rec	1	4/5/2022 2:32:00 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/5/2022 2:32:00 AM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 2:32:00 AM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 2:32:00 AM	66551
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2022 2:32:00 AM	66551
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	4/5/2022 2:32:00 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Surface 1

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 2:40:00 PM

**Lab ID:** 2203G88-015

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	260	60		mg/Kg	20	4/6/2022 7:57:49 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/5/2022 2:44:26 PM	66582
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/5/2022 2:44:26 PM	66582
Surr: DNOP	102	51.1-141		%Rec	1	4/5/2022 2:44:26 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 2:55:38 AM	66551
Surr: BFB	97.4	37.7-212		%Rec	1	4/5/2022 2:55:38 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 2:55:38 AM	66551
Toluene	ND	0.048		mg/Kg	1	4/5/2022 2:55:38 AM	66551
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 2:55:38 AM	66551
Xylenes, Total	ND	0.096		mg/Kg	1	4/5/2022 2:55:38 AM	66551
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	4/5/2022 2:55:38 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Surface 2

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 2:55:00 PM

**Lab ID:** 2203G88-016

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	120	60		mg/Kg	20	4/6/2022 8:10:09 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/5/2022 3:08:52 PM	66582
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/5/2022 3:08:52 PM	66582
Surr: DNOP	82.6	51.1-141		%Rec	1	4/5/2022 3:08:52 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/5/2022 3:19:21 AM	66551
Surr: BFB	99.8	37.7-212		%Rec	1	4/5/2022 3:19:21 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	4/5/2022 3:19:21 AM	66551
Toluene	ND	0.046		mg/Kg	1	4/5/2022 3:19:21 AM	66551
Ethylbenzene	ND	0.046		mg/Kg	1	4/5/2022 3:19:21 AM	66551
Xylenes, Total	ND	0.093		mg/Kg	1	4/5/2022 3:19:21 AM	66551
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/5/2022 3:19:21 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Surface 1

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 3:20:00 PM

**Lab ID:** 2203G88-017

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	120	60		mg/Kg	20	4/6/2022 8:22:30 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/5/2022 3:33:12 PM	66582
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/5/2022 3:33:12 PM	66582
Surr: DNOP	60.4	51.1-141		%Rec	1	4/5/2022 3:33:12 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 3:43:01 AM	66551
Surr: BFB	93.8	37.7-212		%Rec	1	4/5/2022 3:43:01 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 3:43:01 AM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 3:43:01 AM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 3:43:01 AM	66551
Xylenes, Total	ND	0.097		mg/Kg	1	4/5/2022 3:43:01 AM	66551
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	4/5/2022 3:43:01 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Surface 2

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 3:40:00 PM

**Lab ID:** 2203G88-018

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	260	59		mg/Kg	20	4/6/2022 8:34:50 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/5/2022 3:57:26 PM	66582
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/5/2022 3:57:26 PM	66582
Surr: DNOP	95.6	51.1-141		%Rec	1	4/5/2022 3:57:26 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 4:06:44 AM	66551
Surr: BFB	99.8	37.7-212		%Rec	1	4/5/2022 4:06:44 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 4:06:44 AM	66551
Toluene	ND	0.048		mg/Kg	1	4/5/2022 4:06:44 AM	66551
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 4:06:44 AM	66551
Xylenes, Total	ND	0.096		mg/Kg	1	4/5/2022 4:06:44 AM	66551
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/5/2022 4:06:44 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Surface

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 4:05:00 PM

**Lab ID:** 2203G88-019

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	130	61		mg/Kg	20	4/6/2022 8:47:10 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/5/2022 4:21:47 PM	66582
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/5/2022 4:21:47 PM	66582
Surr: DNOP	93.7	51.1-141		%Rec	1	4/5/2022 4:21:47 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 4:30:23 AM	66551
Surr: BFB	97.0	37.7-212		%Rec	1	4/5/2022 4:30:23 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/5/2022 4:30:23 AM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 4:30:23 AM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 4:30:23 AM	66551
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2022 4:30:23 AM	66551
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	4/5/2022 4:30:23 AM	66551

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

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

**Analytical Report**

Lab Order **2203G88**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Surface

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/28/2022 4:35:00 PM

**Lab ID:** 2203G88-020

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	260	60		mg/Kg	20	4/6/2022 9:48:52 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/5/2022 4:46:00 PM	66582
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/5/2022 4:46:00 PM	66582
Surr: DNOP	95.5	51.1-141		%Rec	1	4/5/2022 4:46:00 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 4:54:01 AM	66551
Surr: BFB	99.3	37.7-212		%Rec	1	4/5/2022 4:54:01 AM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 4:54:01 AM	66551
Toluene	ND	0.047		mg/Kg	1	4/5/2022 4:54:01 AM	66551
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 4:54:01 AM	66551
Xylenes, Total	ND	0.095		mg/Kg	1	4/5/2022 4:54:01 AM	66551
Surr: 4-Bromofluorobenzene	99.9	70-130		%Rec	1	4/5/2022 4:54:01 AM	66551

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

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>MB-66668</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66668</b>	RunNo: <b>87045</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3077511</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-66668</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66668</b>	RunNo: <b>87045</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3077512</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.9	90	110			

Sample ID: <b>MB-66666</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66666</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078075</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-66666</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66666</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078076</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: <b>MB-66680</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66680</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078105</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-66680</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66680</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078106</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.9	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>MB-66560</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66560</b>	RunNo: <b>86951</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073031</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		99.8	51.1	141			

Sample ID: <b>LCS-66560</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66560</b>	RunNo: <b>86951</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073033</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.7	68.9	135			
Surr: DNOP	4.0		5.000		80.0	51.1	141			

Sample ID: <b>2203G88-008AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>TT-3 1ft</b>	Batch ID: <b>66582</b>	RunNo: <b>86986</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073809</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.4	46.99	0	102	36.1	154			
Surr: DNOP	2.1		4.699		43.7	51.1	141			S

Sample ID: <b>2203G88-008AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>TT-3 1ft</b>	Batch ID: <b>66582</b>	RunNo: <b>86986</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073810</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	6.190	86.6	36.1	154	3.62	33.9	
Surr: DNOP	2.8		5.000		55.9	51.1	141	0	0	

Sample ID: <b>LCS-66582</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66582</b>	RunNo: <b>86986</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073830</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.1	68.9	135			
Surr: DNOP	4.3		5.000		85.0	51.1	141			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>MB-66582</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66582</b>	RunNo: <b>86986</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073831</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		92.9	51.1	141			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

**Client:** Safety & Environmental Solutions  
**Project:** EOG Cholla AGE FED 1

Sample ID: <b>ics-66547</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071343</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB	2000		1000		202	37.7	212			

Sample ID: <b>mb-66547</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071345</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.8	37.7	212			

Sample ID: <b>mb-66551</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073161</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.6	37.7	212			

Sample ID: <b>ics-66551</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073162</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	72.3	137			
Surr: BFB	2100		1000		209	37.7	212			

Sample ID: <b>2203g88-008ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TT-3 1ft</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073164</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.9	24.30	0	99.6	70	130			
Surr: BFB	2000		971.8		205	37.7	212			

Sample ID: <b>2203g88-008amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TT-3 1ft</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073165</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>2203g88-008amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TT-3 1ft</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073165</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.9	24.49	0	95.4	70	130	3.57	20	
Surr: BFB	2000		979.4		202	37.7	212	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

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

Sample ID: <b>mb-66547</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66547</b>	RunNo: <b>86929</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/1/2022</b>	SeqNo: <b>3071393</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: <b>mb-66551</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073200</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.96		1.000		95.9	70	130			

Sample ID: <b>LCS-66551</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073201</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.5	80	120			
Toluene	0.91	0.050	1.000	0	91.5	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>2203g88-009ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>TT-3 2ft</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073204</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.72	0.024	0.9615	0	74.7	68.8	120			
Toluene	0.74	0.048	0.9615	0	76.7	73.6	124			
Ethylbenzene	0.74	0.048	0.9615	0	77.5	72.7	129			
Xylenes, Total	2.3	0.096	2.885	0	78.4	75.7	126			
Surr: 4-Bromofluorobenzene	0.96		0.9615		99.8	70	130			

Sample ID: <b>2203g88-009amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>TT-3 2ft</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073205</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.024	0.9615	0	82.3	68.8	120	9.63	20	
Toluene	0.81	0.048	0.9615	0	84.7	73.6	124	9.85	20	
Ethylbenzene	0.82	0.048	0.9615	0	85.4	72.7	129	9.73	20	
Xylenes, Total	2.5	0.096	2.885	0	86.2	75.7	126	9.42	20	
Surr: 4-Bromofluorobenzene	0.99		0.9615		103	70	130	0	0	

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions
Work Order Number: 2203G88
RcptNo: 1

Received By: Juan Rojas 3/31/2022 9:05:00 AM
Completed By: Tracy Casarrubias 3/31/2022 10:19:12 AM
Reviewed By: [Signature]

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: KPG 3/31/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 1.2, Good, Yes, [ ], [ ], [ ]

### Chain-of-Custody Record

Client: Safety Environmental Solutions  
 Mailing Address: 703 E. Chisbon  
Stobbs NM 88240  
 Phone #: 575-3997-0510

email or Fax#: \_\_\_\_\_  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type) \_\_\_\_\_

Turn-Around Time:  
 Standard  Rush 5 day  
 Project Name: E06  
Cholla Hill Fed 1  
 Project #: E06-22-005

Project Manager: Allen, Bob  
 Sampler: Ssa Jerry  
 On Ice:  Yes  No  
 # of Coolers: 1

Cooler Temp (including CP): 1.3-0.3 = 1.2 (°C)  
 Container Type and # \_\_\_\_\_  
 Preservative Type \_\_\_\_\_  
 HEAL No. 2203688



### HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request	
BTEX / MTBE / TMB's (8021)	<input checked="" type="checkbox"/>
TPH:8015D(GRO / DRO / MRO)	<input checked="" type="checkbox"/>
8081 Pesticides/8082 PCB's	<input checked="" type="checkbox"/>
EDB (Method 504.1)	<input checked="" type="checkbox"/>
PAH's by 8310 or 8270SIMS	<input checked="" type="checkbox"/>
RCRA 8 Metals	<input checked="" type="checkbox"/>
Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	<input checked="" type="checkbox"/>
8260 (VOA)	<input checked="" type="checkbox"/>
8270 (Semi-VOA)	<input checked="" type="checkbox"/>
Total Coliform (Present/Absent)	<input checked="" type="checkbox"/>

Remarks: Bill Bog, Direct

Date	Time	Matrix	Sample Name	Relinquished by:	Date	Time	Relinquished by:
03/28	1057	S	TI-1 surface	Ssa Jerry	3/29/22	1400	Bill Bog
	1100	S	TI-1 1FF				
	1120	S	TI-1 2FF				
	1140	S	TI-2 surface				
	1145	S	TI-2 1FF				
	1220	S	TI-2 2FF				
	1230	S	TI-3 surface				
	1250	S	TI-3 1FF				
	1315	S	TI-3 2FF				
	1325	S	TI-4 surface				
	1330	S	TI-4 1FF				
03/28	1350	S	TI-4 2FF	Ssa Jerry	3/31/22	9:05	Bill Bog

**Chain-of-Custody Record**

Client: Safety & Environmental Solutions  
 Mailing Address: 203 E. Clinton Hobbs N.M.  
 Phone #: 575-397-0570  
 email or Fax#: \_\_\_\_\_  
 QA/QC Package:  Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  NELAC  Other  
 EDD (Type) \_\_\_\_\_

Turn-Around Time:  Standard  Rush 5 Day  
 Project Name: EOG Producer water leak Cholla Age Fed I  
 Project #: EOG-22-005  
 Project Manager: Allen Bob  
 Sampler: Sen Juny  
 On Ice:  Yes  No  
 # of Coolers: 1

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/28	1400	S	7E-5 Surface	1	Jee	2203688
	1425	S	7E-5 1ft			013
	1440	S	South Surface 1			014
	1455	S	South Surface 2			015
	1520	S	North Surface 1			016
	1540	S	North Surface 2			017
	1605	S	East Surface			018
	1635	S	West Surface			019
						020

Relinquished by: Sen Juny Date: 3/29 1600  
 Relinquished by: Allen Date: 3/29 1400  
 Received by: Allen Date: 3/29 1400  
 Received by: Sen Juny Date: 3/29 1600

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>	<del>XXXX</del>

Remarks: See EOG Direct

# EOG Resources

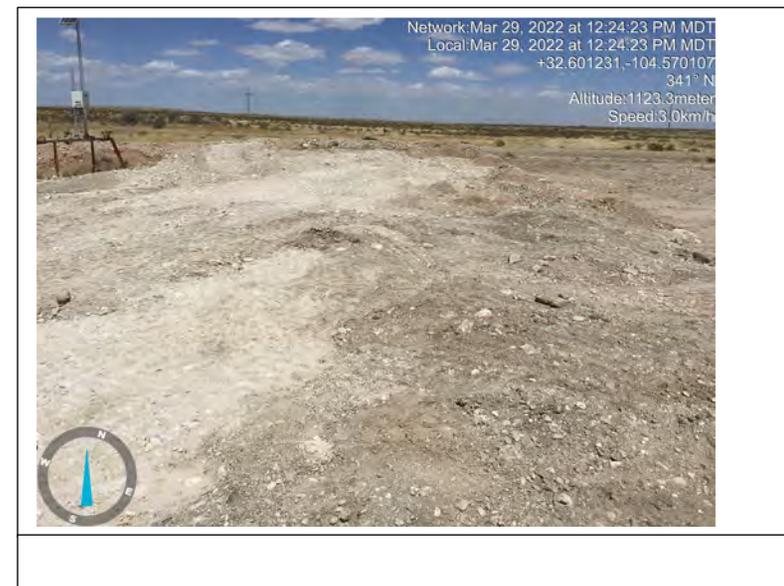
Cholla AGE Fed #1  
I-3-20S-24E  
30-015-26071  
Historical Release map  
w/ Samples

**Legend**

-  Berm
-  Horiz. Ext
-  Vert. Ext



# EOG Resources – Cholla AGE Fed #1 Battery Delineation & Remediation Photos



# EOG Resources – Cholla AGE Fed #1 Battery Delineation & Remediation Photos



# EOG Resources – Cholla AGE Fed #1 Battery Delineation & Remediation Photos



# EOG Resources – Cholla AGE Fed #1 Battery Delineation & Remediation Photos



# EOG Resources – Cholla AGE Fed #1 Battery Delineation & Remediation Photos



# EOG Resources – Cholla AGE Fed #1 Battery Delineation & Remediation Photos





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4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 06, 2022

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

RE: EOG Cholla Age Fed 1 Battery

OrderNo.: 2204A80

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/26/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2204A80**

Date Reported: 5/6/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla Age Fed 1 Battery

**Collection Date:** 4/21/2022 11:35:00 AM

**Lab ID:** 2204A80-001

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 8:00:05 PM	67207
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/29/2022 10:02:13 PM	67101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/29/2022 10:02:13 PM	67101
Surr: DNOP	55.2	51.1-141		%Rec	1	4/29/2022 10:02:13 PM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/28/2022 1:01:00 PM	67080
Surr: BFB	102	37.7-212		%Rec	1	4/28/2022 1:01:00 PM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/28/2022 1:01:00 PM	67080
Toluene	ND	0.049		mg/Kg	1	4/28/2022 1:01:00 PM	67080
Ethylbenzene	ND	0.049		mg/Kg	1	4/28/2022 1:01:00 PM	67080
Xylenes, Total	ND	0.098		mg/Kg	1	4/28/2022 1:01:00 PM	67080
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	4/28/2022 1:01:00 PM	67080

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

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

**Analytical Report**

Lab Order **2204A80**

Date Reported: 5/6/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla Age Fed 1 Battery

**Collection Date:** 4/21/2022 12:15:00 PM

**Lab ID:** 2204A80-002

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	59		mg/Kg	20	5/2/2022 8:12:30 PM	67207
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	20	8.9		mg/Kg	1	5/2/2022 7:45:16 PM	67101
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/2/2022 7:45:16 PM	67101
Surr: DNOP	69.9	51.1-141		%Rec	1	5/2/2022 7:45:16 PM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 1:21:00 PM	67080
Surr: BFB	107	37.7-212		%Rec	1	4/28/2022 1:21:00 PM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/28/2022 1:21:00 PM	67080
Toluene	ND	0.048		mg/Kg	1	4/28/2022 1:21:00 PM	67080
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 1:21:00 PM	67080
Xylenes, Total	ND	0.097		mg/Kg	1	4/28/2022 1:21:00 PM	67080
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	4/28/2022 1:21:00 PM	67080

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

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

**Analytical Report**

Lab Order **2204A80**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla Age Fed 1 Battery

**Collection Date:** 4/21/2022 1:25:00 PM

**Lab ID:** 2204A80-003

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 8:24:55 PM	67207
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/2/2022 8:09:00 PM	67101
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2022 8:09:00 PM	67101
Surr: DNOP	93.0	51.1-141		%Rec	1	5/2/2022 8:09:00 PM	67101
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/28/2022 1:41:00 PM	67080
Surr: BFB	106	37.7-212		%Rec	1	4/28/2022 1:41:00 PM	67080
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/28/2022 1:41:00 PM	67080
Toluene	ND	0.050		mg/Kg	1	4/28/2022 1:41:00 PM	67080
Ethylbenzene	ND	0.050		mg/Kg	1	4/28/2022 1:41:00 PM	67080
Xylenes, Total	ND	0.099		mg/Kg	1	4/28/2022 1:41:00 PM	67080
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	4/28/2022 1:41:00 PM	67080

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

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

**Analytical Report**

Lab Order **2204A80**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Wall

**Project:** EOG Cholla Age Fed 1 Battery

**Collection Date:** 4/21/2022 1:40:00 PM

**Lab ID:** 2204A80-004

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 8:37:19 PM	67207
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/29/2022 8:14:06 AM	67102
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/29/2022 8:14:06 AM	67102
Surr: DNOP	89.9	51.1-141		%Rec	1	4/29/2022 8:14:06 AM	67102
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/29/2022 1:11:00 AM	67086
Surr: BFB	108	37.7-212		%Rec	1	4/29/2022 1:11:00 AM	67086
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.025		mg/Kg	1	4/29/2022 1:11:00 AM	67086
Toluene	ND	0.049		mg/Kg	1	4/29/2022 1:11:00 AM	67086
Ethylbenzene	ND	0.049		mg/Kg	1	4/29/2022 1:11:00 AM	67086
Xylenes, Total	ND	0.098		mg/Kg	1	4/29/2022 1:11:00 AM	67086
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	4/29/2022 1:11:00 AM	67086

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

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

**Analytical Report**

Lab Order **2204A80**

Date Reported: **5/6/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Wall

**Project:** EOG Cholla Age Fed 1 Battery

**Collection Date:** 4/21/2022 1:55:00 PM

**Lab ID:** 2204A80-005

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 8:49:44 PM	67207
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/29/2022 8:38:20 AM	67102
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/29/2022 8:38:20 AM	67102
Surr: DNOP	72.3	51.1-141		%Rec	1	4/29/2022 8:38:20 AM	67102
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/29/2022 2:10:00 AM	67086
Surr: BFB	107	37.7-212		%Rec	1	4/29/2022 2:10:00 AM	67086
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/29/2022 2:10:00 AM	67086
Toluene	ND	0.048		mg/Kg	1	4/29/2022 2:10:00 AM	67086
Ethylbenzene	ND	0.048		mg/Kg	1	4/29/2022 2:10:00 AM	67086
Xylenes, Total	ND	0.097		mg/Kg	1	4/29/2022 2:10:00 AM	67086
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	4/29/2022 2:10:00 AM	67086

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

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

**Analytical Report**

Lab Order **2204A80**

Date Reported: 5/6/2022

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Wall

**Project:** EOG Cholla Age Fed 1 Battery

**Collection Date:** 4/21/2022 2:15:00 PM

**Lab ID:** 2204A80-006

**Matrix:** SOIL

**Received Date:** 4/26/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/2/2022 9:51:48 PM	67207
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/29/2022 9:02:28 AM	67102
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/29/2022 9:02:28 AM	67102
Surr: DNOP	65.6	51.1-141		%Rec	1	4/29/2022 9:02:28 AM	67102
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/29/2022 3:09:00 AM	67086
Surr: BFB	108	37.7-212		%Rec	1	4/29/2022 3:09:00 AM	67086
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/29/2022 3:09:00 AM	67086
Toluene	ND	0.048		mg/Kg	1	4/29/2022 3:09:00 AM	67086
Ethylbenzene	ND	0.048		mg/Kg	1	4/29/2022 3:09:00 AM	67086
Xylenes, Total	ND	0.095		mg/Kg	1	4/29/2022 3:09:00 AM	67086
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	4/29/2022 3:09:00 AM	67086

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A80

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 Battery

Sample ID: <b>MB-67207</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67207</b>	RunNo: <b>87650</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3104359</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-67207</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67207</b>	RunNo: <b>87650</b>								
Prep Date: <b>5/2/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3104360</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A80

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 Battery

Sample ID: <b>LCS-67101</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67101</b>	RunNo: <b>87613</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3101293</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.9	68.9	135			
Surr: DNOP	4.6		5.000		91.3	51.1	141			

Sample ID: <b>LCS-67102</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>67102</b>	RunNo: <b>87613</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/29/2022</b>	SeqNo: <b>3101294</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.1	68.9	135			
Surr: DNOP	4.7		5.000		94.9	51.1	141			

Sample ID: <b>MB-67101</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67101</b>	RunNo: <b>87613</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/28/2022</b>	SeqNo: <b>3101297</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.4	51.1	141			

Sample ID: <b>MB-67102</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>67102</b>	RunNo: <b>87613</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>4/29/2022</b>	SeqNo: <b>3101298</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		90.2	51.1	141			

Sample ID: <b>2204A80-004AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>South Wall</b>	Batch ID: <b>67102</b>	RunNo: <b>87659</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3103874</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.5	47.57	0	100	36.1	154			
Surr: DNOP	4.8		4.757		102	51.1	141			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A80

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 Battery

Sample ID: <b>2204A80-004AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>South Wall</b>	Batch ID: <b>67102</b>	RunNo: <b>87659</b>								
Prep Date: <b>4/27/2022</b>	Analysis Date: <b>5/2/2022</b>	SeqNo: <b>3103879</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	9.8	49.07	0	105	36.1	154	7.75	33.9	
Surr: DNOP	5.3		4.907		108	51.1	141	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A80

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 Battery

Sample ID: <b>ics-67080</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098917</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	116	72.3	137			
Surr: BFB	2300		1000		234	37.7	212			S

Sample ID: <b>mb-67080</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098918</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	37.7	212			

Sample ID: <b>ics-67086</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100507</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	72.3	137			
Surr: BFB	2300		1000		228	37.7	212			S

Sample ID: <b>mb-67086</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100508</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	37.7	212			

Sample ID: <b>2204a80-004ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>South Wall</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100510</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.9	24.68	0	106	70	130			
Surr: BFB	2300		987.2		229	37.7	212			S

Sample ID: <b>2204a80-004amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>South Wall</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100511</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A80

06-May-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla Age Fed 1 Battery

Sample ID: <b>2204a80-004amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>South Wall</b>	Batch ID: <b>67086</b>	RunNo: <b>87610</b>								
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>	SeqNo: <b>3100511</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.9	24.51	0	111	70	130	3.71	20	
Surr: BFB	2200		980.4		228	37.7	212	0	0	S

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A80

06-May-22

**Client:** Safety & Environmental Solutions  
**Project:** EOG Cholla Age Fed 1 Battery

Sample ID: <b>ics-67080</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098955</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.8	80	120			
Toluene	0.93	0.050	1.000	0	92.5	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	70	130			

Sample ID: <b>mb-67080</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67080</b>		RunNo: <b>87573</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/27/2022</b>		SeqNo: <b>3098956</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		85.6	70	130			

Sample ID: <b>ics-67086</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100555</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.3	80	120			
Toluene	0.94	0.050	1.000	0	94.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.9	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.4	70	130			

Sample ID: <b>mb-67086</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100556</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	70	130			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204A80

06-May-22

**Client:** Safety & Environmental Solutions

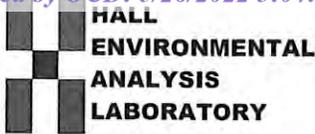
**Project:** EOG Cholla Age Fed 1 Battery

Sample ID: <b>2204a80-005ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>West Wall</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100559</b>	Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.024	0.9690	0	86.7	68.8	120			
Toluene	0.87	0.048	0.9690	0	89.5	73.6	124			
Ethylbenzene	0.87	0.048	0.9690	0	90.3	72.7	129			
Xylenes, Total	2.6	0.097	2.907	0	90.0	75.7	126			
Surr: 4-Bromofluorobenzene	0.85		0.9690		87.7	70	130			

Sample ID: <b>2204a80-005amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>West Wall</b>	Batch ID: <b>67086</b>		RunNo: <b>87610</b>							
Prep Date: <b>4/26/2022</b>	Analysis Date: <b>4/29/2022</b>		SeqNo: <b>3100560</b>	Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.024	0.9709	0	92.6	68.8	120	6.84	20	
Toluene	0.92	0.049	0.9709	0	94.7	73.6	124	5.80	20	
Ethylbenzene	0.94	0.049	0.9709	0	96.4	72.7	129	6.80	20	
Xylenes, Total	2.8	0.097	2.913	0	96.5	75.7	126	7.18	20	
Surr: 4-Bromofluorobenzene	0.86		0.9709		88.2	70	130	0	0	

**Qualifiers:**

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



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

# Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2204A80

RcptNo: 1

Received By: Juan Rojas 4/26/2022 8:30:00 AM

Completed By: Sean Livingston 4/26/2022 9:07:33 AM

Reviewed By: *KDG* 4-26-22

### Chain of Custody

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

### Log In

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

# of preserved bottles checked for pH: \_\_\_\_\_  
(<2 or >12 unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: JR 4/26/22

### Special Handling (if applicable)

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

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.0	Good				

### Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 203 E. Clinton

6666 N.M. 88240

Phone #: 575-397-0570

email or Fax#: \_\_\_\_\_

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type) \_\_\_\_\_

Turn-Around Time: \_\_\_\_\_

Standard  Rush \$ Day

Project Name: EOG  
Cholla AGE Fed 1 BATTERY

Project #: EOG-22-005

Project Manager: Allen Bob

Sampler: Don Jerry

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 4.0-0=4.0 (°C)

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
04/21	1135	S	SP1 1Fr	1	Jaw	2204A80
	1215	S	SP2 1Fr	1		001
	1325	S	SP3 1Fr	1		002
	1340	S	Southwell	1		003
	1355	S	Westwell	1		004
04/21	1415	S	Northwell	1		005
						006

Relinquished by: Don Jerry Date: 04/25 0800

Relinquished by: Allen Bob Date: 4/26/22 1900

Received by: Alvin Date: 4/26/22 8:00

Received by: Don Jerry Date: 4/26/22 8:30



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

#### Analysis Request

BTEX / MTBE / TMBs (8021)	TFH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	<u>Cholla</u>
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Remarks: Bull EOG Direct



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

April 14, 2022

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

RE: EOG Cholla AGE FED 1

OrderNo.: 2203G91

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 16 sample(s) on 3/31/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 8:15:00 AM

**Lab ID:** 2203G91-001

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	61		mg/Kg	20	4/6/2022 10:01:12 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/4/2022 9:49:19 PM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 9:49:19 PM	66582
Surr: DNOP	51.5	51.1-141		%Rec	1	4/4/2022 9:49:19 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 12:31:36 PM	66551
Surr: BFB	99.8	37.7-212		%Rec	1	4/5/2022 12:31:36 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 12:31:36 PM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 12:31:36 PM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 12:31:36 PM	66551
Xylenes, Total	ND	0.097		mg/Kg	1	4/5/2022 12:31:36 PM	66551
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/5/2022 12:31:36 PM	66551

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 8:20:00 AM

**Lab ID:** 2203G91-002

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/6/2022 10:13:31 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/4/2022 10:14:05 PM	66582
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 10:14:05 PM	66582
Surr: DNOP	56.0	51.1-141		%Rec	1	4/4/2022 10:14:05 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 12:55:09 PM	66551
Surr: BFB	101	37.7-212		%Rec	1	4/5/2022 12:55:09 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/5/2022 12:55:09 PM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 12:55:09 PM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 12:55:09 PM	66551
Xylenes, Total	ND	0.098		mg/Kg	1	4/5/2022 12:55:09 PM	66551
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/5/2022 12:55:09 PM	66551

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 8:35:00 AM

**Lab ID:** 2203G91-003

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/6/2022 10:25:52 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/4/2022 10:38:28 PM	66582
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/4/2022 10:38:28 PM	66582
Surr: DNOP	54.1	51.1-141		%Rec	1	4/4/2022 10:38:28 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2022 1:18:44 PM	66551
Surr: BFB	97.2	37.7-212		%Rec	1	4/5/2022 1:18:44 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/5/2022 1:18:44 PM	66551
Toluene	ND	0.050		mg/Kg	1	4/5/2022 1:18:44 PM	66551
Ethylbenzene	ND	0.050		mg/Kg	1	4/5/2022 1:18:44 PM	66551
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2022 1:18:44 PM	66551
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/5/2022 1:18:44 PM	66551

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

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

## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: TT-2 Surface

Project: EOG Cholla AGE FED 1

Collection Date: 3/29/2022 8:45:00 AM

Lab ID: 2203G91-004

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/6/2022 10:38:13 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/4/2022 11:02:45 PM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 11:02:45 PM	66582
Surr: DNOP	54.9	51.1-141		%Rec	1	4/4/2022 11:02:45 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 1:42:36 PM	66551
Surr: BFB	101	37.7-212		%Rec	1	4/5/2022 1:42:36 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 1:42:36 PM	66551
Toluene	ND	0.047		mg/Kg	1	4/5/2022 1:42:36 PM	66551
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 1:42:36 PM	66551
Xylenes, Total	ND	0.094		mg/Kg	1	4/5/2022 1:42:36 PM	66551
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/5/2022 1:42:36 PM	66551

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 8:55:00 AM

**Lab ID:** 2203G91-005

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	61		mg/Kg	20	4/6/2022 10:50:34 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/4/2022 11:26:59 PM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 11:26:59 PM	66582
Surr: DNOP	58.0	51.1-141		%Rec	1	4/4/2022 11:26:59 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 2:06:07 PM	66551
Surr: BFB	102	37.7-212		%Rec	1	4/5/2022 2:06:07 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/5/2022 2:06:07 PM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 2:06:07 PM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 2:06:07 PM	66551
Xylenes, Total	ND	0.098		mg/Kg	1	4/5/2022 2:06:07 PM	66551
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/5/2022 2:06:07 PM	66551

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 9:15:00 AM

**Lab ID:** 2203G91-006

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/6/2022 11:02:54 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/4/2022 11:51:23 PM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 11:51:23 PM	66582
Surr: DNOP	55.9	51.1-141		%Rec	1	4/4/2022 11:51:23 PM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 2:29:43 PM	66551
Surr: BFB	102	37.7-212		%Rec	1	4/5/2022 2:29:43 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	4/5/2022 2:29:43 PM	66551
Toluene	ND	0.049		mg/Kg	1	4/5/2022 2:29:43 PM	66551
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 2:29:43 PM	66551
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2022 2:29:43 PM	66551
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/5/2022 2:29:43 PM	66551

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 9:25:00 AM

**Lab ID:** 2203G91-007

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 12:04:38 AM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/5/2022 12:15:35 AM	66582
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/5/2022 12:15:35 AM	66582
Surr: DNOP	59.6	51.1-141		%Rec	1	4/5/2022 12:15:35 AM	66582
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 2:53:14 PM	66551
Surr: BFB	95.5	37.7-212		%Rec	1	4/5/2022 2:53:14 PM	66551
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 2:53:14 PM	66551
Toluene	ND	0.048		mg/Kg	1	4/5/2022 2:53:14 PM	66551
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 2:53:14 PM	66551
Xylenes, Total	ND	0.096		mg/Kg	1	4/5/2022 2:53:14 PM	66551
Surr: 4-Bromofluorobenzene	100.0	70-130		%Rec	1	4/5/2022 2:53:14 PM	66551

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 9:30:00 AM

**Lab ID:** 2203G91-008

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 11:41:06 AM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	100	9.6		mg/Kg	1	4/4/2022 2:19:58 PM	66587
Motor Oil Range Organics (MRO)	170	48		mg/Kg	1	4/4/2022 2:19:58 PM	66587
Surr: DNOP	88.0	51.1-141		%Rec	1	4/4/2022 2:19:58 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 10:40:00 AM	66561
Surr: BFB	90.6	37.7-212		%Rec	1	4/5/2022 10:40:00 AM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/5/2022 10:40:00 AM	66561
Toluene	ND	0.048		mg/Kg	1	4/5/2022 10:40:00 AM	66561
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 10:40:00 AM	66561
Xylenes, Total	ND	0.097		mg/Kg	1	4/5/2022 10:40:00 AM	66561
Surr: 4-Bromofluorobenzene	75.4	70-130		%Rec	1	4/5/2022 10:40:00 AM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 10:00:00 AM

**Lab ID:** 2203G91-009

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 11:53:30 AM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/5/2022 5:21:40 PM	66587
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/5/2022 5:21:40 PM	66587
Surr: DNOP	100	51.1-141		%Rec	1	4/5/2022 5:21:40 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/4/2022 4:15:00 PM	66561
Surr: BFB	97.3	37.7-212		%Rec	1	4/4/2022 4:15:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/4/2022 4:15:00 PM	66561
Toluene	ND	0.047		mg/Kg	1	4/4/2022 4:15:00 PM	66561
Ethylbenzene	ND	0.047		mg/Kg	1	4/4/2022 4:15:00 PM	66561
Xylenes, Total	ND	0.094		mg/Kg	1	4/4/2022 4:15:00 PM	66561
Surr: 4-Bromofluorobenzene	79.4	70-130		%Rec	1	4/4/2022 4:15:00 PM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

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

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 10:15:00 AM

**Lab ID:** 2203G91-010

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 12:05:54 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/4/2022 3:17:02 PM	66587
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 3:17:02 PM	66587
Surr: DNOP	82.9	51.1-141		%Rec	1	4/4/2022 3:17:02 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/4/2022 5:14:00 PM	66561
Surr: BFB	101	37.7-212		%Rec	1	4/4/2022 5:14:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/4/2022 5:14:00 PM	66561
Toluene	ND	0.049		mg/Kg	1	4/4/2022 5:14:00 PM	66561
Ethylbenzene	ND	0.049		mg/Kg	1	4/4/2022 5:14:00 PM	66561
Xylenes, Total	ND	0.097		mg/Kg	1	4/4/2022 5:14:00 PM	66561
Surr: 4-Bromofluorobenzene	81.4	70-130		%Rec	1	4/4/2022 5:14:00 PM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** South Surface

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 10:25:00 AM

**Lab ID:** 2203G91-011

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 12:18:19 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2022 3:31:34 PM	66587
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2022 3:31:34 PM	66587
Surr: DNOP	88.5	51.1-141		%Rec	1	4/4/2022 3:31:34 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/4/2022 5:34:00 PM	66561
Surr: BFB	98.3	37.7-212		%Rec	1	4/4/2022 5:34:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/4/2022 5:34:00 PM	66561
Toluene	ND	0.046		mg/Kg	1	4/4/2022 5:34:00 PM	66561
Ethylbenzene	ND	0.046		mg/Kg	1	4/4/2022 5:34:00 PM	66561
Xylenes, Total	ND	0.093		mg/Kg	1	4/4/2022 5:34:00 PM	66561
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	1	4/4/2022 5:34:00 PM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Surface 1

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 10:30:00 AM

**Lab ID:** 2203G91-012

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 12:30:43 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/4/2022 3:45:56 PM	66587
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 3:45:56 PM	66587
Surr: DNOP	82.8	51.1-141		%Rec	1	4/4/2022 3:45:56 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/4/2022 5:54:00 PM	66561
Surr: BFB	97.0	37.7-212		%Rec	1	4/4/2022 5:54:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/4/2022 5:54:00 PM	66561
Toluene	ND	0.047		mg/Kg	1	4/4/2022 5:54:00 PM	66561
Ethylbenzene	ND	0.047		mg/Kg	1	4/4/2022 5:54:00 PM	66561
Xylenes, Total	ND	0.095		mg/Kg	1	4/4/2022 5:54:00 PM	66561
Surr: 4-Bromofluorobenzene	79.8	70-130		%Rec	1	4/4/2022 5:54:00 PM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** East Surface 2

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 10:45:00 AM

**Lab ID:** 2203G91-013

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 1:07:56 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/4/2022 4:00:32 PM	66587
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 4:00:32 PM	66587
Surr: DNOP	83.5	51.1-141		%Rec	1	4/4/2022 4:00:32 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/4/2022 6:14:00 PM	66561
Surr: BFB	96.2	37.7-212		%Rec	1	4/4/2022 6:14:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/4/2022 6:14:00 PM	66561
Toluene	ND	0.046		mg/Kg	1	4/4/2022 6:14:00 PM	66561
Ethylbenzene	ND	0.046		mg/Kg	1	4/4/2022 6:14:00 PM	66561
Xylenes, Total	ND	0.093		mg/Kg	1	4/4/2022 6:14:00 PM	66561
Surr: 4-Bromofluorobenzene	80.8	70-130		%Rec	1	4/4/2022 6:14:00 PM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Surface 1

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 11:00:00 AM

**Lab ID:** 2203G91-014

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 1:20:20 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2022 4:15:05 PM	66587
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2022 4:15:05 PM	66587
Surr: DNOP	79.0	51.1-141		%Rec	1	4/4/2022 4:15:05 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/4/2022 7:13:00 PM	66561
Surr: BFB	99.5	37.7-212		%Rec	1	4/4/2022 7:13:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/4/2022 7:13:00 PM	66561
Toluene	ND	0.049		mg/Kg	1	4/4/2022 7:13:00 PM	66561
Ethylbenzene	ND	0.049		mg/Kg	1	4/4/2022 7:13:00 PM	66561
Xylenes, Total	ND	0.097		mg/Kg	1	4/4/2022 7:13:00 PM	66561
Surr: 4-Bromofluorobenzene	81.5	70-130		%Rec	1	4/4/2022 7:13:00 PM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** West Surface 2

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 11:30:00 AM

**Lab ID:** 2203G91-015

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 1:57:33 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/4/2022 4:29:16 PM	66587
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/4/2022 4:29:16 PM	66587
Surr: DNOP	72.2	51.1-141		%Rec	1	4/4/2022 4:29:16 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/4/2022 7:32:00 PM	66561
Surr: BFB	102	37.7-212		%Rec	1	4/4/2022 7:32:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.024		mg/Kg	1	4/4/2022 7:32:00 PM	66561
Toluene	ND	0.047		mg/Kg	1	4/4/2022 7:32:00 PM	66561
Ethylbenzene	ND	0.047		mg/Kg	1	4/4/2022 7:32:00 PM	66561
Xylenes, Total	ND	0.094		mg/Kg	1	4/4/2022 7:32:00 PM	66561
Surr: 4-Bromofluorobenzene	82.4	70-130		%Rec	1	4/4/2022 7:32:00 PM	66561

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

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

**Analytical Report**

Lab Order **2203G91**

Date Reported: **4/14/2022**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Safety & Environmental Solutions

**Client Sample ID:** North Surface

**Project:** EOG Cholla AGE FED 1

**Collection Date:** 3/29/2022 11:45:00 AM

**Lab ID:** 2203G91-016

**Matrix:** SOIL

**Received Date:** 3/31/2022 9:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	4/7/2022 2:09:58 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/4/2022 4:43:40 PM	66587
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 4:43:40 PM	66587
Surr: DNOP	80.2	51.1-141		%Rec	1	4/4/2022 4:43:40 PM	66587
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>BRM</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/4/2022 7:52:00 PM	66561
Surr: BFB	102	37.7-212		%Rec	1	4/4/2022 7:52:00 PM	66561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>BRM</b>
Benzene	ND	0.023		mg/Kg	1	4/4/2022 7:52:00 PM	66561
Toluene	ND	0.046		mg/Kg	1	4/4/2022 7:52:00 PM	66561
Ethylbenzene	ND	0.046		mg/Kg	1	4/4/2022 7:52:00 PM	66561
Xylenes, Total	ND	0.092		mg/Kg	1	4/4/2022 7:52:00 PM	66561
Surr: 4-Bromofluorobenzene	82.7	70-130		%Rec	1	4/4/2022 7:52:00 PM	66561

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

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>MB-66680</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66680</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078105</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-66680</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66680</b>	RunNo: <b>87046</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/6/2022</b>	SeqNo: <b>3078106</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.9	90	110			

Sample ID: <b>MB-66681</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66681</b>	RunNo: <b>87098</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/7/2022</b>	SeqNo: <b>3079188</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-66681</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66681</b>	RunNo: <b>87098</b>								
Prep Date: <b>4/6/2022</b>	Analysis Date: <b>4/7/2022</b>	SeqNo: <b>3079189</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.1	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>MB-66587</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66587</b>	RunNo: <b>86952</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073080</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.3		10.00		82.6	51.1	141			

Sample ID: <b>LCS-66587</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66587</b>	RunNo: <b>86952</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073081</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	82.5	68.9	135			
Surr: DNOP	4.0		5.000		79.1	51.1	141			

Sample ID: <b>2203G91-008AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>TT-4 Surface</b>	Batch ID: <b>66587</b>	RunNo: <b>86952</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073083</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	130	9.4	47.08	105.0	45.5	36.1	154			
Surr: DNOP	3.7		4.708		78.5	51.1	141			

Sample ID: <b>2203G91-008AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>TT-4 Surface</b>	Batch ID: <b>66587</b>	RunNo: <b>86952</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073084</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	130	10	50.15	105.0	56.6	36.1	154	5.37	33.9	
Surr: DNOP	4.0		5.015		80.3	51.1	141	0	0	

Sample ID: <b>LCS-66582</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66582</b>	RunNo: <b>86986</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073830</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.1	68.9	135			
Surr: DNOP	4.3		5.000		85.0	51.1	141			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>MB-66582</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66582</b>	RunNo: <b>86986</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073831</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		92.9	51.1	141			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

**Client:** Safety & Environmental Solutions  
**Project:** EOG Cholla AGE FED 1

Sample ID: <b>mb-66551</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073161</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.6	37.7	212			

Sample ID: <b>lcs-66551</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073162</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	72.3	137			
Surr: BFB	2100		1000		209	37.7	212			

Sample ID: <b>lcs-66561</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073301</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	72.3	137			
Surr: BFB	2100		1000		209	37.7	212			

Sample ID: <b>mb-66561</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073302</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	950		1000		94.8	37.7	212			

Sample ID: <b>2203g91-008ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TT-4 Surface</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073304</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.27	0	103	70	130			
Surr: BFB	2100		970.9		213	37.7	212			S

Sample ID: <b>2203g91-008amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TT-4 Surface</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073305</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>2203g91-008amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TT-4 Surface</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073305</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.8	24.18	0	105	70	130	1.81	20	
Surr: BFB	2100		967.1		213	37.7	212	0	0	S

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

**Client:** Safety & Environmental Solutions  
**Project:** EOG Cholla AGE FED 1

Sample ID: <b>mb-66551</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073200</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.96		1.000		95.9	70	130			

Sample ID: <b>LCS-66551</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66551</b>	RunNo: <b>86971</b>								
Prep Date: <b>3/31/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073201</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.5	80	120			
Toluene	0.91	0.050	1.000	0	91.5	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: <b>lcs-66561</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073339</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.3	80	120			
Toluene	0.86	0.050	1.000	0	86.2	80	120			
Ethylbenzene	0.86	0.050	1.000	0	85.8	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.0	80	120			
Surr: 4-Bromofluorobenzene	0.77		1.000		77.1	70	130			

Sample ID: <b>mb-66561</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073340</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.78		1.000		78.2	70	130			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

**Client:** Safety & Environmental Solutions

**Project:** EOG Cholla AGE FED 1

Sample ID: <b>2203g91-009ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>TT-4 1ft</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073343</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.023	0.9372	0	81.9	68.8	120			
Toluene	0.78	0.047	0.9372	0	83.3	73.6	124			
Ethylbenzene	0.79	0.047	0.9372	0	83.8	72.7	129			
Xylenes, Total	2.3	0.094	2.812	0	82.7	75.7	126			
Surr: 4-Bromofluorobenzene	0.75		0.9372		80.5	70	130			

Sample ID: <b>2203g91-009amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>TT-4 1ft</b>	Batch ID: <b>66561</b>	RunNo: <b>86973</b>								
Prep Date: <b>4/1/2022</b>	Analysis Date: <b>4/4/2022</b>	SeqNo: <b>3073344</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.76	0.023	0.9346	0	81.8	68.8	120	0.460	20	
Toluene	0.78	0.047	0.9346	0	83.3	73.6	124	0.396	20	
Ethylbenzene	0.78	0.047	0.9346	0	83.6	72.7	129	0.458	20	
Xylenes, Total	2.3	0.093	2.804	0	82.9	75.7	126	0.0152	20	
Surr: 4-Bromofluorobenzene	0.74		0.9346		79.5	70	130	0	0	

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions Work Order Number: 2203G91 RcptNo: 1

Received By: Juan Rojas 3/31/2022 9:05:00 AM [Signature]

Completed By: Tracy Casarrubias 3/31/2022 10:33:03 AM

Reviewed By: [Signature] 3/31/22

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: KPG 3/31/22

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 1.2, Good, Yes, [ ], [ ], [ ]

### Chain-of-Custody Record

Client: Safety Environmental Solution  
 Mailing Address: 203 E. Clouston Hobbs NM  
 Phone #: 575-397-0570

email or Fax#: \_\_\_\_\_  
 QA/QC Package:  Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  NELAC  Other  
 EDD (Type) \_\_\_\_\_

Date	Time	Matrix	Sample Name	Relinquished by	Relinquished by
03/24	10:15	S	TF-1 Surface	San Juan	San Juan
	08:20	S	TF-1 1 ft		
	08:35	S	TF-1 2 ft		
	08:45	S	TF-2 Surface		
	08:55	S	TF-2 1 ft		
	09:15	S	TF-3 Surface		
	09:25	S	TF-3 1 ft		
	09:30	S	TF-4 Surface		
	10:00	S	TF-4 1 ft		
	10:15	S	TF-4 2 ft		
	10:45	1025	Surf Surface		
03/24	10:50	1030	Grst Surface 1		
Date:	Time:	Relinquished by	Relinquished by	Date:	Time:
03/24	16:00	San Juan	San Juan	3/24/22	16:00
3/30/22	19:00	Albuquerque	Albuquerque	3/31/22	9:05

Turn-Around Time:  Standard  Rush 5 day  
 Project Name: EDG  
Cholla Age Fed 1  
 Project #: EDG-22-005

Project Manager: Allen, Bob  
 Sampler: San Juan  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): 5.03 = 1.2 (°C)

Container Type and #	Preservative Type	HEAL No.
1	Seal	2203691
1		001
1		002
1		003
1		004
1		005
1		006
1		007
1		008
1		009
1		010
1		011
1		012

Received by: Albuquerque Date: 3/24/22 Time: 1600  
 Received by: San Juan Date: 3/31/22 Time: 9:05

### HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

#### Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						

Remarks: Ball EDG Audit

### Chain-of-Custody Record

Client: Safety & Environmental Solutions  
 Mailing Address: 703. E. Clenton Hobbs R.M  
 Phone #: 575-397-0510  
 email or Fax#:

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  NELAC  Other  
 EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
07/29	1045	S	East Super 2	1	PO	2203091
~	1100	S	West Super 1	1		013
~	1130	S	West Super 2	1		014
07/29	1145	S	North Super	1		015
						016

Turn-Around Time:  
 Standard  Rush 5 Day  
 Project Name: Edg  
Cholla AGE Fed I  
 Project #: Edg-22-005

Project Manager: Allen, Bob  
 Sampler: Sean June  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): 1.5-0.3=2 2 (°C)

Container Type and #	Preservative Type	HEAL No.
1	PO	2203091
1		013
1		014
1		015
1		016

Received by: Wynn Date: 3/22/20 Time: 11:00  
 Received by: Sean June Date: 3/22/20 Time: 9:00



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request	
BTEX / MTBE / TMB's (8021)	XX
TPH:8015D(GRO / DRO / MRO)	XX
8081 Pesticides/8082 PCBs	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	XX <u>Chloride</u>

Remarks: BU EOG Dues

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	nAPP2203253510
District RP	
Facility ID	
Application ID	

### Release Notification

#### Responsible Party

Responsible Party EOG Resources, Inc	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # nAPP2203253510
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

#### Location of Release Source

Latitude 32.60137 Longitude -104.56961  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Cholla AGE Federal #1	Site Type Battery
Date Release Discovered 1/27/2022	API# 30-015-26071

Unit Letter	Section	Township	Range	County
I	3	20S	24E	Eddy

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

#### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe) Brine Water	Volume/Weight Released (provide units) 50 BBLS	Volume/Weight Recovered (provide units) 0

Cause of Release  
300 bbl brine storage tank was overfilled the previous evening while it was being filled for P&A activities, causing the release of 50 bbls of brine water on the well pad.

Incident ID	nAPP2203253510
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?  Greater than 25 barrels of fluid was released.
---	--

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  
 Email notification was made on 1/28/22 to Jim Griswold, Mike Bratcher, Rob Hamlet, and the Bureau of Land Management from Tina Huerta with EOG Resources, Inc.

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
--

If all the actions described above have 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: Chase Settle Title: Rep Safety & Environmental Sr  
 Signature: Chase Settle Date: 01/31/2022  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**  
 Received by: Ramona Marcus Date: 2/10/2022

Incident ID	nAPP2203253510
District RP	
Facility ID	
Application ID	

### Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2203253510
District RP	
Facility ID	
Application ID	

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

Printed Name: Jeremy Haass Title: S+E Specialist  
 Signature: [Handwritten Signature] Date: 5/26/22  
 email: Jeremy\_haass@ecogresources.com Telephone: 575 748-4311

**OCD Only**

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

Incident ID	nAPP2203253510
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

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

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

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

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

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

**OCD Only**

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

- Approved     
 Approved with Attached Conditions of Approval     
 Denied     
 Deferral Approved

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

Incident ID	nAPP2203253510
District RP	
Facility ID	
Application ID	

### Closure

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

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

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

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

Printed Name: Jeremy Haass Title: S & E Specialist  
 Signature: [Signature] Date: 5/26/22  
 email: Jeremy\_haass@ecgresources.com Telephone: 575 748-4311

**OCD Only**

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

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

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

CONDITIONS

Action 111313

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 111313
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2203253510 CHOLLA AGE FEDERAL #1, thank you. This closure is approved.	8/24/2022