

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 ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

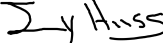
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico  
Oil Conservation Division

Page 4

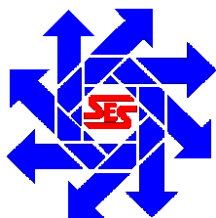
Incident ID	nAPP2203253510
District RP	
Facility ID	
Application ID	

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:  Date: 4/29/2022  
email: jeremy\_haass@eogresources.com Telephone: 575-748-4311

**OCD Only**

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



P.O. Box 1613  
703 E. Clinton  
Hobbs, New Mexico 88240  
575/397-0510  
Fax 575/393-4388  
www.sesi-nm.com

## Safety & Environmental Solutions, Inc.

EOG Resources, Inc.  
Cholla AGE Federal #1  
I-3-20S-24E  
32.60137, -104.56961

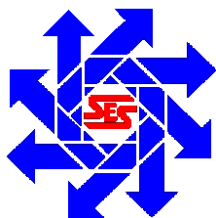
### Characterization Report

In January 2022, Safety & Environmental Solutions Inc. was contacted by EOG Resources, Inc. to investigate a release during P&A decommissioning activities on location. In this case, there had been 2 releases. The first release was in January of 2022 and occurred when a brine storage tank was overfilled in preparation of plugging activities. A volume of greater than 25 bbls was released on the ground. A second release occurred was observed during decommissioning activities and was historic in nature. This release occurred on Federal land and depth to water is observed to be over 200' bgs in a well that is just outside the half mile radius around the location, and thus the most stringent cleanup requirements as listed in Table I of NMAC – 19.15.29.12.B(4) are to be used.

SESI Staff continued to delineate the release site(s) and obtained field samples to understand the scope of the project moving forward. The area of investigation was isolated to the well pad and varied in depth between surface and 2'. Soil samples were obtained from the area of investigation and surface samples on the boundaries of the observed release to provide horizontal extent and context. Those samples are included in a summary table below.

### Laboratory Samples – Hall Environmental Laboratory 3/28/22 Rpt 2203G88– Brine water release

Sample ID	Chloride	DRO	GRO	MRO	Benzene	Toluene	Ethylbenzene	Total Xylenes
TT-1 @ Surf	460	92	ND	<b>200</b>	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 @ Surf	480	100	ND	<b>240</b>	ND	ND	ND	ND
TT-2 @ 1'	300	ND	ND	ND	ND	ND	ND	ND
TT-2 @ 2'	83	ND	ND	ND	ND	ND	ND	ND
TT-3 @ Surf	<b>19000</b>	<b>130</b>	ND	52	ND	ND	ND	ND
TT-3 @ 1'	<b>860</b>	ND	ND	ND	ND	ND	ND	ND
TT-3 @ 2'	520	9.3	ND	ND	ND	ND	ND	ND
TT-4 @ Surf	<b>12000</b>	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 1'	<b>860</b>	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
TT-5 @ Surf	<b>12000</b>	ND	ND	ND	ND	ND	ND	ND
TT-5 @ 1'	73	ND	ND	ND	ND	ND	ND	ND
South Surface 1	260	ND	ND	ND	ND	ND	ND	ND
South Surface 2	120	ND	ND	ND	ND	ND	ND	ND
North Surface 1	120	ND	ND	ND	ND	ND	ND	ND
North Surface 2	260	ND	ND	ND	ND	ND	ND	ND
East Surface	130	ND	ND	ND	ND	ND	ND	ND
West Surface	260	ND	ND	ND	ND	ND	ND	ND



## Safety & Environmental Solutions, Inc.

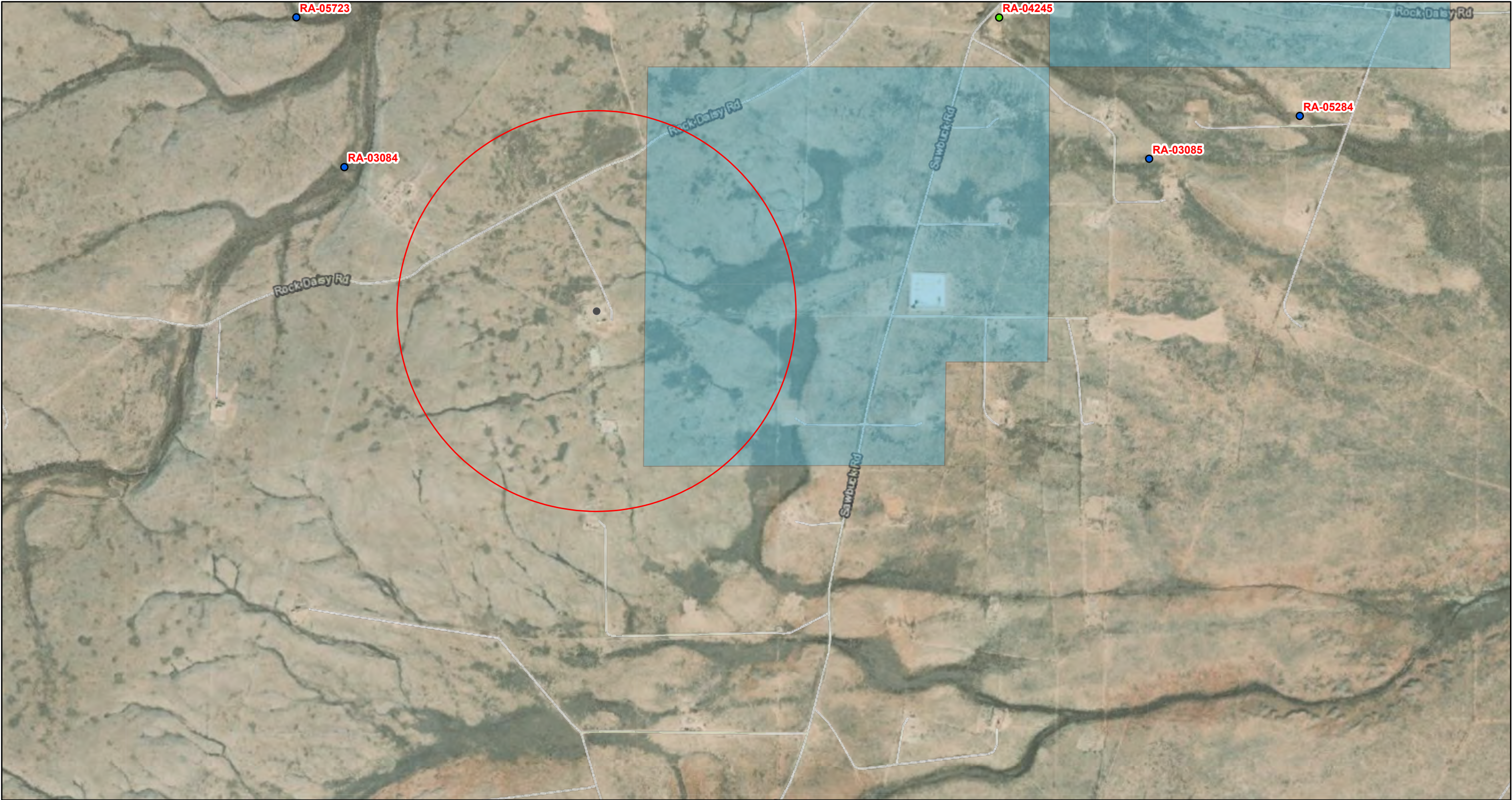
Laboratory Samples – Hall Environmental Laboratory 3/29/22 – Historical release

Sample ID	Chloride	DRO	GRO	MRO	Benzene	Toluene	Ethylbenzene	Total Xylenes
TT-1 @ Surf	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 @ Surf	ND	ND	ND	ND	ND	ND	ND	ND
TT-2 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-3 @ Surf	ND	ND	ND	ND	ND	ND	ND	ND
TT-3 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-4 @ Surf	ND	100	ND	<b>170</b>	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

Please find additional documentation supporting this characterization report, including ground water determinations, if the site was in a flood plain, and topographical maps for reference. Photos and other maps are also included below.



# OSE POD Locations Map



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

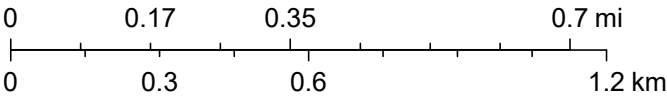
GIS WATERS PODs

- Active
- Pending

- OSE District Boundary
- Water Right Regulations
- Closure Area

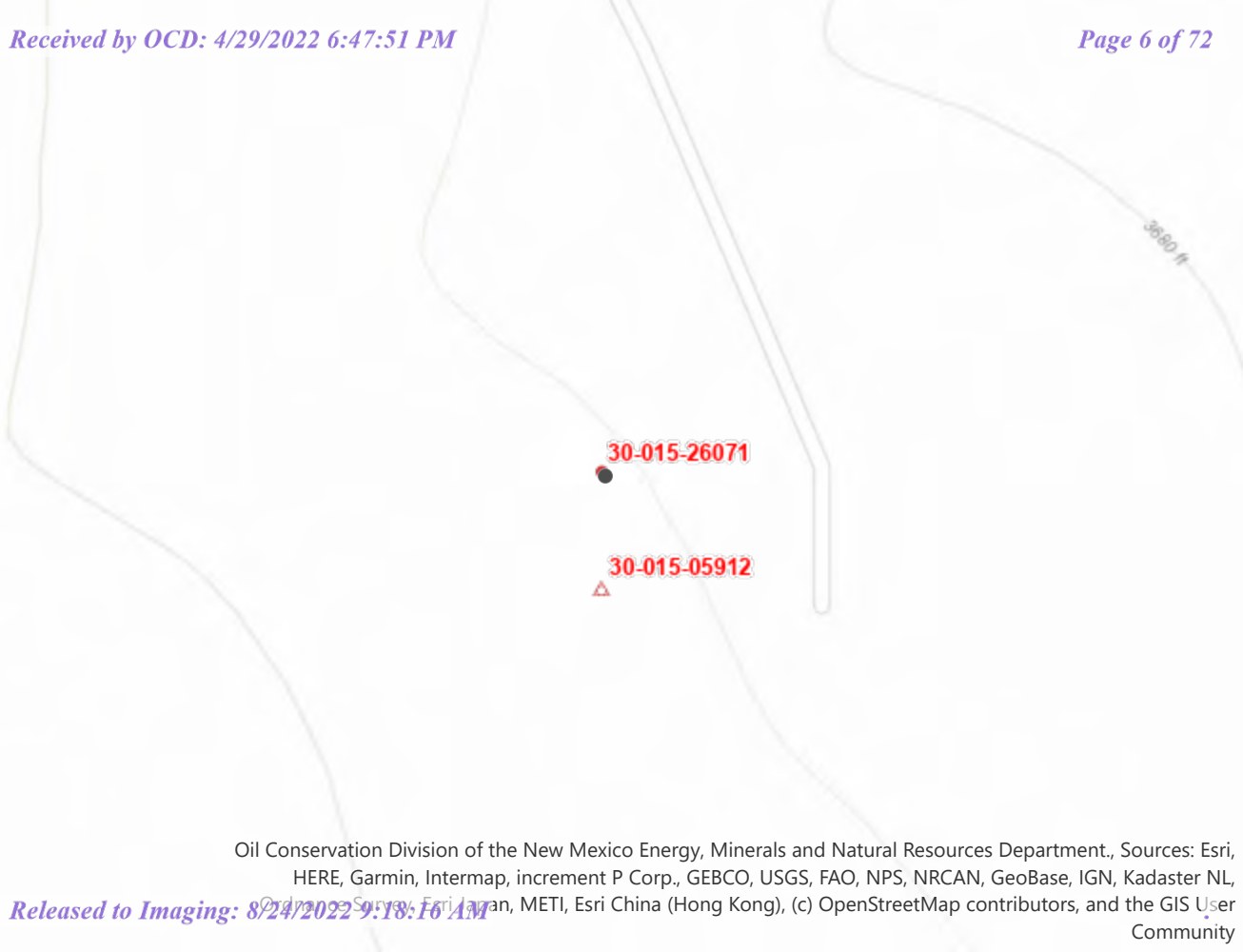
- New Mexico State Trust Lands
- Both Estates
- SiteBoundaries

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 FIRMMette



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) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		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 Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
		NO SCREEN Area of Minimal Flood Hazard Zone X
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		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.

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.



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".

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 &amp; 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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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
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	S	% Recovery outside of range due to dilution or matrix interference		

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## 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.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
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## 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 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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 11:41:06 AM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 11:53:30 AM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: SB
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 12:05:54 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 12:18:19 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 12:30:43 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 1:07:56 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 1:20:20 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 1:57:33 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G91

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 2:09:58 PM	66681
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
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: BRM
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: BRM
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		

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

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

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

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# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 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

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**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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	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: 2203g91-008amsd		SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: TT-4 Surface		Batch ID: 66561			RunNo: 86973					
Prep Date: 4/1/2022		Analysis Date: 4/4/2022			SeqNo: 3073305		Units: mg/Kg			
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

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**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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	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>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

*Juan Rojas*

Completed By: Tracy Casarrubias

3/31/2022 10:33:03 AM

Reviewed By: *SC 3/31/22*

### Chain of Custody

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

### Log In

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

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted?

Checked by: *KPG 3/31/22*

### Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Yes			



## Chain-of-Custody Record

Client: Safety Environmental  
Solution  
 Mailing Address: 203 E. Clinton  
Albuquerque NM  
 Phone #: 505-397-0570  
 email or Fax#:

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

Date	Time	Matrix	Sample Name
03/24	0815	S	TF-1 Surface
0820		S	TF-1 1 ft
0835		S	TF-1 2 ft
0845		S	TF-2 Surface
0855		S	TF-2 1 ft
0915		S	TF-3 Surface
0925		S	TF-3 1 ft
0930		S	TF-4 Surface
1000		S	TF-4 1 ft
1015		S	TF-4 2 ft
1045	1025	S	Soil Surface
1050	1030	S	Grass Surface
03/24	1600		
03/24	1900		

Relinquished by: Sam Jones  
 Date: 03/24 Time: 1600  
 Relinquished by: Albuquerque  
 Date: 3/30/22 Time: 1900

Turn-Around Time:

☒ Standard ☒ Rush 5 day

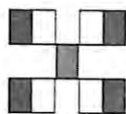
Project Name: EDG  
Cholla NGF Feb 1  
 Project #: EDG-22-005

Project Manager: Allen, Bob  
 Sampler: Sam Jones  
 On Ice: ☒ Yes ☐ No  
 # of Coolers: 1

Cooler Temp (including CF): 1.5-0.3 = 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: Albuquerque Date: 3/30/22 Time: 1900



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

## Analysis Request

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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Remarks: Ball EDG Area







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 horizontal line.

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 &amp; 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: JMT
Chloride	460	60		mg/Kg	20	4/6/2022 4:20:18 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: JME
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: JMT
Chloride	ND	60		mg/Kg	20	4/6/2022 4:32:43 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: JME
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G88

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: 3/28/2022 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: JMT
Chloride	480	60		mg/Kg	20	4/6/2022 4:45:07 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: JME
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: JMT
Chloride	300	60		mg/Kg	20	4/6/2022 4:57:31 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: JME
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: JMT
Chloride	83	61		mg/Kg	20	4/6/2022 5:34:43 PM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: JME
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	19000	1500		mg/Kg	500	4/7/2022 11:02:43 AM	66668
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: JME
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: BRM
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: BRM
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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	12000	600		mg/Kg	200	4/7/2022 2:15:53 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: ED
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: NSB
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: NSB
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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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: CAS
Chloride	12000	600		mg/Kg	200	4/7/2022 2:52:55 PM	66680
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: SB
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: NSB
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: NSB
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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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## Analytical Report

Lab Order 2203G88

Date Reported: 4/14/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; 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		

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**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>lcs</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>lcs</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>lcs</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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	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-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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	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-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

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

Page 25 of 27



**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.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Estimated value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	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>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: *TRC 3/31/22*

### Chain of Custody

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

### Log In

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

# of preserved  
bottles checked  
for pH:

( $\leq 2$  or  $>12$  unless noted)

Adjusted?

Checked by: *KPG 3/31/22*

### Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via:

☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Yes			



## Chain-of-Custody Record

Client: Safety Environmental  
Solution  
 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)

Date	Time	Matrix	Sample Name
03/28	1057	S	TI-1 Surface
	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
	1350	S	TI-4 2ff

Date: 03/28 Time: 1600  
 Relinquished by: Ssn Jerry  
 Date: 3/30/22 Time: 1900  
 Relinquished by: acumen

Turn-Around Time:

☐ Standard☒ Rush

Project Name:

E06  
Cholla HSE Fed 1  
Produce  
Western  
herb

Project #:

E06-22-005

Project Manager:

Allen, Bob

Sampler:

Ssn Jerry

On Ice:

☒ Yes☐ No# of Coolers: 1Cooler Temp (including CP): 1.5-0.3 = 1.2 (°C)

Container Type and #

Preservative Type

HEAL No.

2203688

1

001

1

002

1

003

1

004

1

005

1

006

1

007

1

008

1

009

1

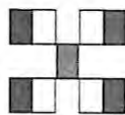
010

1

011

1

012

Received by: acumen Date: 3/29/22 Time: 1400Received by: acumen 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

BTX / MTBE / TMB's (8021)

TPH: 8015D (GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Cholla HSE

Remarks: Bob EOG Direct



## Chain-of-Custody Record

Client: City of Albuquerque  
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)

Date	Time	Matrix	Sample Name
3/28	1400	S	11-5 Surface
1	1425	S	11-5 1st
1	1440	S	South Surface 1
1	1455	S	South Surface 2
1	1520	S	North Surface 1
1	1540	S	North Surface 2
1	1605	S	East Surface
3/28	1635	S	West Surface

Date: 3/29 Time: 1600 Relinquished by: Sammy  
 Date: 3/29 Time: 1600 Relinquished by: Sammy

Turn-Around Time:

☒ Standard ☒ Rush

Project Name: EOG Producers water leak  
Cholla Age Fed

Project #:

EOG-22-005

Project Manager:

Allen Bob

Sampler:

Sammy

On Ice:

☒ Yes ☐ No

# of Coolers:

Cooler Temp (including CF): 1.5-0.3-1.2 (°C)

Container Type and #

Preservative Type

HEAL No.

2203688

013

014

015

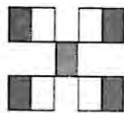
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# HALL ENVIRONMENTAL ANALYSIS LABORATORY

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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Remarks:

See EOG Demand

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
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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 <u>not</u> been undertaken, explain why:          	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Chase Settle</u>	Title: <u>Rep Safety &amp; Environmental Sr</u>
Signature: <u>Chase Settle</u>	Date: <u>01/31/2022</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<b><u>OCD Only</u></b> Received by: <u>Ramona Marcus</u> Date: <u>2/10/2022</u>	

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 ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

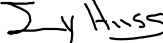
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2203253510
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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:  Date: 4/29/2022  
email: jeremy\_haass@eogresources.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 site map 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)

Jeremy Haass

S&amp;E Specialist

Ely Valley

4/29/2022

jeremy\_haass@eogresources.com

575-748-4311

**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 map 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: \_\_\_\_\_ Title: \_\_\_\_\_

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

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

### 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 102895

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 102895
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your Characterization Report. This release has occurred in a high karst area and will need to be remediated to the strictest closure criteria of <50' depth to groundwater from Table 1 of the spill rule. Sidewall/floor samples need to comply with the strictest closure criteria limits 600 mg/kg for Chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg for Benzene. A remediation plan was due for this incident on 4/27/2022. The OCD requests that a remediation plan be completed and uploaded to the payment portal within 30 days.	8/24/2022