

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 not 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.

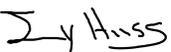
Characterization Report Checklist: *Each of the following items must be included in the report.*

- 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.

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: Robert Hamlet Date: 8/24/2022



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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	200	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	240	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	19000	130	ND	52	ND	ND	ND	ND
TT-3 @ 1'	860	ND	ND	ND	ND	ND	ND	ND
TT-3 @ 2'	520	9.3	ND	ND	ND	ND	ND	ND
TT-4 @ Surf	12000	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 1'	860	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
TT-5 @ Surf	12000	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



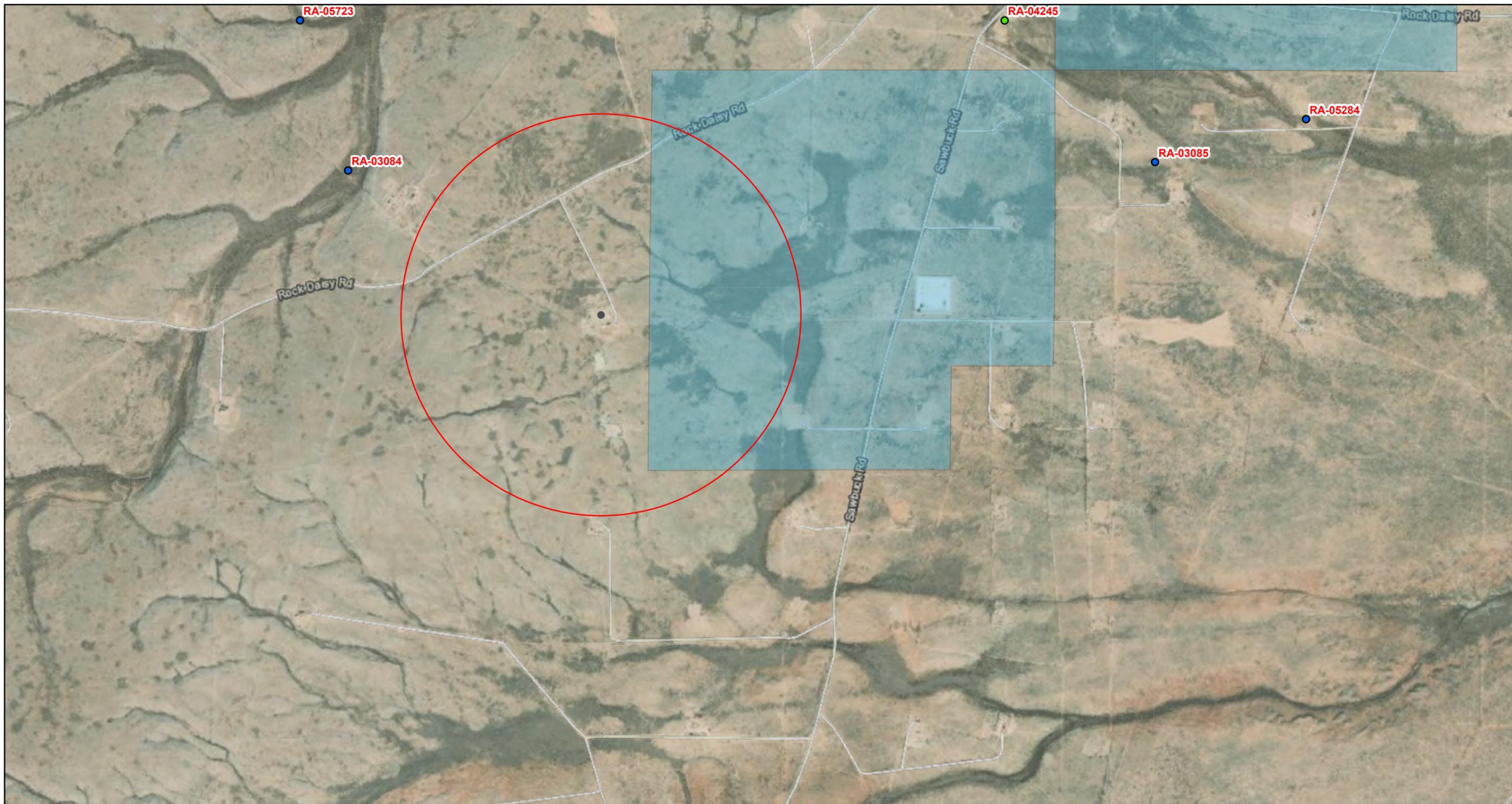
Safety & Environmental Solutions, Inc.

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	170	ND	ND	ND	ND
TT-4 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND
South Surface	ND	ND	ND	ND	ND	ND	ND	ND
East Surface 1	ND	ND	ND	ND	ND	ND	ND	ND
East Surface 2	ND	ND	ND	ND	ND	ND	ND	ND
West Surface 1	ND	ND	ND	ND	ND	ND	ND	ND
West Surface 2	ND	ND	ND	ND	ND	ND	ND	ND
North Surface	ND	ND	ND	ND	ND	ND	ND	ND

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.

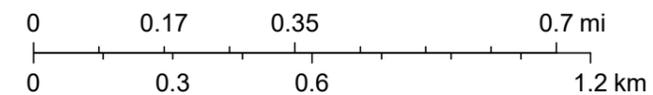
OSE POD Locations Map



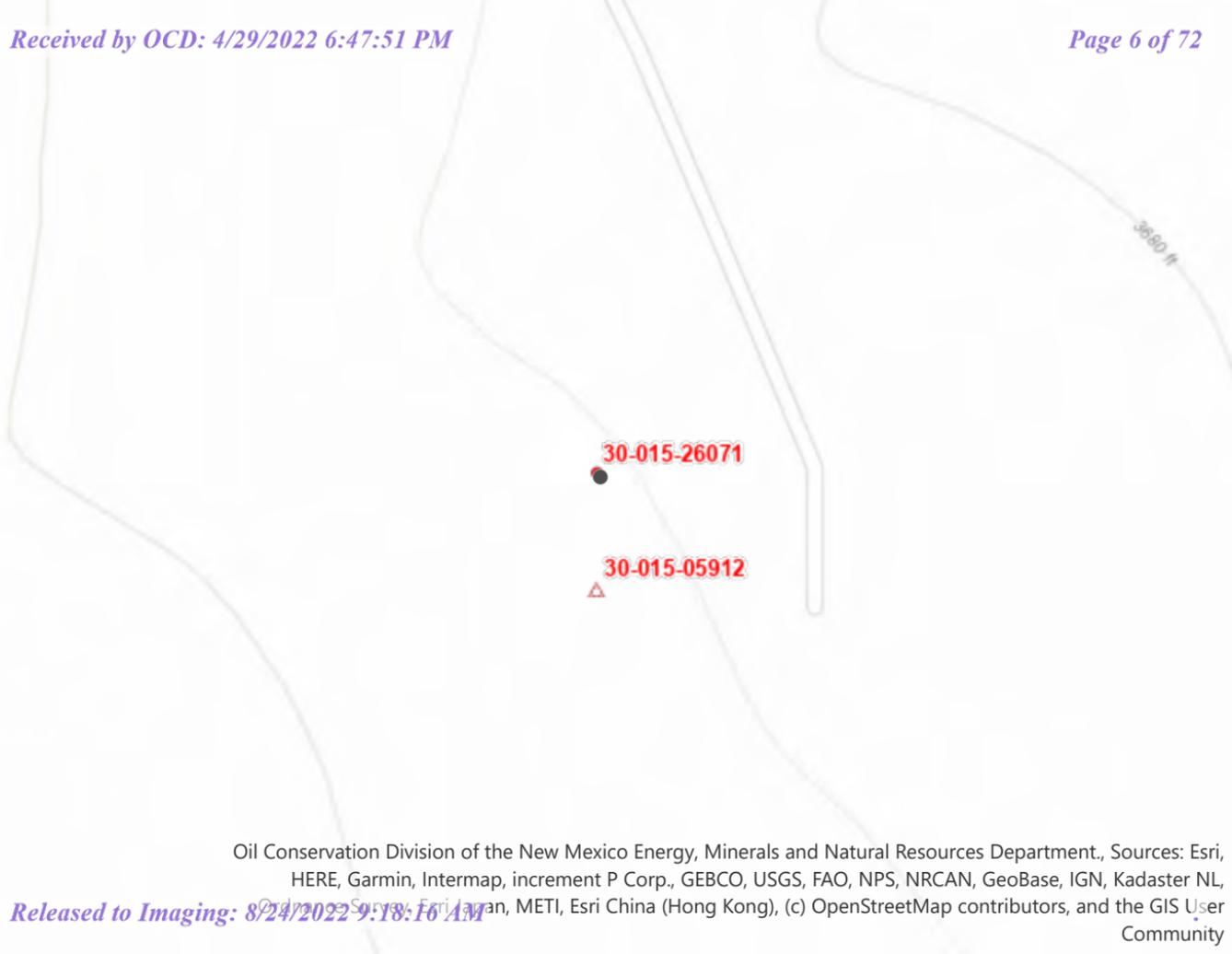
4/29/2022, 6:12:14 PM

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

1:18,056



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



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

National Flood Hazard Layer 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) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

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

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-1 Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G91-001

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	61		mg/Kg	20	4/6/2022 10:01:12 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-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
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/6/2022 10:13:31 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-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
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/6/2022 10:25:52 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
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	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-2 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
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/6/2022 10:38:13 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-2 1ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G91-005

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	61		mg/Kg	20	4/6/2022 10:50:34 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-3 Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G91-006

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/6/2022 11:02:54 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-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
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/7/2022 12:04:38 AM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 11:41:06 AM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 11:53:30 AM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 12:05:54 PM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 12:18:19 PM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 12:30:43 PM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 1:07:56 PM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 1:20:20 PM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 1:57:33 PM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G91**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	4/7/2022 2:09:58 PM	66681
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Sample ID: LCS-66680	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66680	RunNo: 87046								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3078106	Units: mg/Kg							
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: MB-66681	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66681	RunNo: 87098								
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3079188	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

Sample ID: MB-66587	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66587	RunNo: 86952								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073080			Units: mg/Kg					
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: LCS-66587	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66587	RunNo: 86952								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073081			Units: mg/Kg					
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: 2203G91-008AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-4 Surface	Batch ID: 66587	RunNo: 86952								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073083			Units: mg/Kg					
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: 2203G91-008AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-4 Surface	Batch ID: 66587	RunNo: 86952								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073084			Units: mg/Kg					
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: LCS-66582	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66582	RunNo: 86986								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073830			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.1	68.9	135			
Surr: DNOP	4.3		5.000		85.0	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

Sample ID: mb-66551	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66551	RunNo: 86971								
Prep Date: 3/31/2022	Analysis Date: 4/4/2022	SeqNo: 3073161	Units: mg/Kg							
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: lcs-66551	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66551	RunNo: 86971								
Prep Date: 3/31/2022	Analysis Date: 4/4/2022	SeqNo: 3073162	Units: mg/Kg							
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: lcs-66561	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66561	RunNo: 86973								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073301	Units: mg/Kg							
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: mb-66561	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66561	RunNo: 86973								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073302	Units: mg/Kg							
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: 2203g91-008ams	SampType: MS	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: 3073304	Units: mg/Kg							
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: 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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

Sample ID: 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

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

Sample ID: LCS-66551	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66551	RunNo: 86971								
Prep Date: 3/31/2022	Analysis Date: 4/4/2022	SeqNo: 3073201	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.5	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: lcs-66561	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66561	RunNo: 86973								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073339	Units: mg/Kg							
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: mb-66561	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66561	RunNo: 86973								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073340	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.78		1.000		78.2	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G91

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

Sample ID: 2203g91-009ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: TT-4 1ft	Batch ID: 66561	RunNo: 86973								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073343	Units: mg/Kg							
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: 2203g91-009amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: TT-4 1ft	Batch ID: 66561	RunNo: 86973								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073344	Units: mg/Kg							
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
Completed By: Tracy Casarrubias 3/31/2022 10:33:03 AM
Reviewed By: [Signature] 3/31/22

Chain of Custody

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

Log In

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

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

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

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

Chain-of-Custody Record

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

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

Date	Time	Matrix	Sample Name	Relinquished by	Relinquished by
03/24	1015	S	TF-1 Surface	San Juan	San Juan
	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	Surf Surface		
03/24	1050	1030	Grst Surface 1		
Date:	Time:	Relinquished by	Relinquished by	Date:	Time:
03/24	1600	San Juan	San Juan	3/24/22	1600
Date:	Time:	Relinquished by	Relinquished by	Date:	Time:
3/30/22	1900	Albuquerque	Albuquerque	3/31/22	9:05

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

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

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

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	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"/>						

Remarks: Ball EDG Audit

Chain-of-Custody Record

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

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

Turn-Around Time:
 Standard Rush 5 Day
 Project Name: Edg
Cholla AGE Fed I
 Project #: EDG-22-005
 Project Manager: Allen, Bob
 Sampler: Sean June
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 1.5-0.3=2 (°C)

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

Date	Time	Matrix	Sample Name
07/29	1045	S	East Super 2
~	1100	S	West Super 1
~	1130	S	West Super 2
07/29	1145	S	North Super

Date: 07/29 Time: 1600 Relinquished by: Sean June
 Date: 3/30/22 Time: 1900 Relinquished by: Alfredo

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

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

Received by: Alfredo Date: 3/30/22 Time: 1100
 Received by: Alfredo Date: 3/30/22 Time: 9:00
 Remarks: Bul EOG Dues



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: 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 or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-1 Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-001

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	460	60		mg/Kg	20	4/6/2022 4:20:18 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-1 1ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-002

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/6/2022 5:04:57 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
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
EPA METHOD 8021B: VOLATILES							Analyst: BRM
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-1 2ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-003

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/6/2022 4:32:43 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-2 Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-004

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	480	60		mg/Kg	20	4/6/2022 4:45:07 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-2 1ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-005

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	300	60		mg/Kg	20	4/6/2022 4:57:31 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-2 2ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-006

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	83	61		mg/Kg	20	4/6/2022 5:34:43 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-3 Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-007

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	19000	1500		mg/Kg	500	4/7/2022 11:02:43 AM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-3 1ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-008

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	860	60		mg/Kg	20	4/6/2022 6:06:43 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-3 2ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-009

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	520	60		mg/Kg	20	4/6/2022 6:19:03 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-4 Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-010

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	12000	600		mg/Kg	200	4/7/2022 2:15:53 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-4 1ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-011

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	860	60		mg/Kg	20	4/6/2022 7:08:26 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-4 2ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-012

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/6/2022 7:20:47 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-5 Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-013

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	12000	600		mg/Kg	200	4/7/2022 2:52:55 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-5 1ft

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-014

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	73	61		mg/Kg	20	4/6/2022 7:45:28 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: South Surface 1

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-015

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	260	60		mg/Kg	20	4/6/2022 7:57:49 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: South Surface 2

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-016

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	120	60		mg/Kg	20	4/6/2022 8:10:09 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface 1

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-017

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	120	60		mg/Kg	20	4/6/2022 8:22:30 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface 2

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-018

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	260	59		mg/Kg	20	4/6/2022 8:34:50 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: East Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-019

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	130	61		mg/Kg	20	4/6/2022 8:47:10 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Analytical Report

Lab Order **2203G88**

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface

Project: EOG Cholla AGE FED 1

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

Lab ID: 2203G88-020

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	260	60		mg/Kg	20	4/6/2022 9:48:52 PM	66680
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
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
EPA METHOD 8021B: VOLATILES							Analyst: NSB
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.

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

Sample ID: LCS-66668	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66668	RunNo: 87045								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3077512	Units: mg/Kg							
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: MB-66666	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66666	RunNo: 87046								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3078075	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66666	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66666	RunNo: 87046								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3078076	Units: mg/Kg							
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: MB-66680	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66680	RunNo: 87046								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3078105	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

Sample ID: MB-66560	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66560	RunNo: 86951								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073031			Units: mg/Kg					
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: LCS-66560	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66560	RunNo: 86951								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073033			Units: mg/Kg					
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: 2203G88-008AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-3 1ft	Batch ID: 66582	RunNo: 86986								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073809			Units: mg/Kg					
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: 2203G88-008AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-3 1ft	Batch ID: 66582	RunNo: 86986								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073810			Units: mg/Kg					
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: LCS-66582	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66582	RunNo: 86986								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073830			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.1	68.9	135			
Surr: DNOP	4.3		5.000		85.0	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

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

Sample ID: ics-66547	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 66547		RunNo: 86929							
Prep Date: 3/31/2022	Analysis Date: 4/1/2022		SeqNo: 3071343	Units: mg/Kg						
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: mb-66547	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 66547		RunNo: 86929							
Prep Date: 3/31/2022	Analysis Date: 4/1/2022		SeqNo: 3071345	Units: mg/Kg						
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: mb-66551	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 66551		RunNo: 86971							
Prep Date: 3/31/2022	Analysis Date: 4/4/2022		SeqNo: 3073161	Units: mg/Kg						
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: ics-66551	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 66551		RunNo: 86971							
Prep Date: 3/31/2022	Analysis Date: 4/4/2022		SeqNo: 3073162	Units: mg/Kg						
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: 2203g88-008ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: TT-3 1ft	Batch ID: 66551		RunNo: 86971							
Prep Date: 3/31/2022	Analysis Date: 4/4/2022		SeqNo: 3073164	Units: mg/Kg						
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: 2203g88-008amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: TT-3 1ft	Batch ID: 66551		RunNo: 86971							
Prep Date: 3/31/2022	Analysis Date: 4/4/2022		SeqNo: 3073165	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

Sample ID: LCS-66547	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66547	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071391	Units: mg/Kg							
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: mb-66547	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66547	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071393	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

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

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203G88

14-Apr-22

Client: Safety & Environmental Solutions

Project: EOG Cholla AGE FED 1

Sample ID: 2203g88-009ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: TT-3 2ft	Batch ID: 66551	RunNo: 86971								
Prep Date: 3/31/2022	Analysis Date: 4/4/2022	SeqNo: 3073204	Units: mg/Kg							
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: 2203g88-009amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: TT-3 2ft	Batch ID: 66551	RunNo: 86971								
Prep Date: 3/31/2022	Analysis Date: 4/4/2022	SeqNo: 3073205	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.024	0.9615	0	82.3	68.8	120	9.63	20	
Toluene	0.81	0.048	0.9615	0	84.7	73.6	124	9.85	20	
Ethylbenzene	0.82	0.048	0.9615	0	85.4	72.7	129	9.73	20	
Xylenes, Total	2.5	0.096	2.885	0	86.2	75.7	126	9.42	20	
Surr: 4-Bromofluorobenzene	0.99		0.9615		103	70	130	0	0	

Qualifiers:

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



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

Sample Log-In Check List

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

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

Chain of Custody

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

Log In

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

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

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

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

Chain-of-Custody Record

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

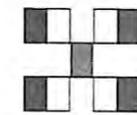
QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

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

Project Manager: Allen, Bob
 Sampler: Ssa Jerry
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CP): 1.3-0.3 = 1.2 (°C)

Container Type and #
 Preservative Type
 HEAL No.
2203688

Received by: Ssa Jerry Date: 3/29/22 Time: 1400
 Relinquished by: Allen 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)	<input checked="" type="checkbox"/>
TPH:8015D(GRO / DRO / MRO)	<input checked="" type="checkbox"/>
8081 Pesticides/8082 PCB's	<input checked="" type="checkbox"/>
EDB (Method 504.1)	<input checked="" type="checkbox"/>
PAHs by 8310 or 8270SIMS	<input checked="" type="checkbox"/>
RCRA 8 Metals	<input checked="" type="checkbox"/>
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	<input checked="" type="checkbox"/>
8260 (VOA)	<input checked="" type="checkbox"/>
8270 (Semi-VOA)	<input checked="" type="checkbox"/>
Total Coliform (Present/Absent)	<input checked="" type="checkbox"/>

Remarks: Bill Bog, Direct

Chain-of-Custody Record

Client: Safety & Environmental Solutions
 Mailing Address: 203 E. Clinton Hobbs N.M.
 Phone #: 575-397-0570
 email or Fax#:

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

Turn-Around Time: Standard Rush

Project Name: EOG Producer water leak
Cholla Age Fed

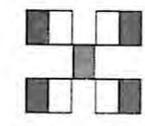
Project #: EOG-22-005

Project Manager: Allen Bob

Sampler: Sen Juny
 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	Jel	2203688
1		013
1		014
1		015
1		016
1		017
1		018
1		019
1		020



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

Remarks: See EOG Direct

Received by: Allen Bob Date: 3/21/22 Time: 1400
 Received by: Sen Juny Date: 3/13/22 Time: 9:00

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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.

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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 & 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>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>2/10/2022</u>	

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>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 not 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

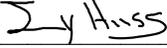
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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.

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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: _____

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Remediation Plan

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

- Detailed description of proposed remediation technique
 - Scaled site map or plan with 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&E Specialist
 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.

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

- Approved
 Approved with Attached Conditions of Approval
 Denied
 Deferral Approved

Signature: _____ Date: _____

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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.

Jeremy Haass

S&E Specialist

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

- A scaled site map and sampling diagrams in accordance with 19.15.29.11 NMAC 575-748-4311
- 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