

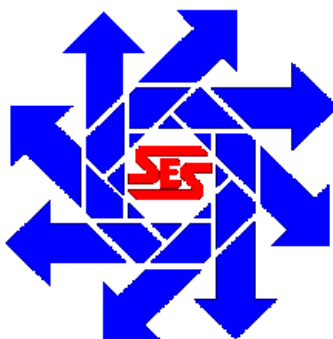
**EOG Resources, Inc.
White IU #002**

Closure Report

**UL P, Section 28, T18S, R26E
Eddy County, New Mexico**

NAPP2131347236

March 14, 2022



Prepared for:

**EOG Resources, Inc.
104 S. 4th Street
Artesia, New Mexico 88210**

By:

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

Company Contacts

Representative	Company	Telephone	E-mail
Chase Settle	EOG Resources	575-748-1471	Chase_Settle@eogresources.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was engaged by EOG Resources to perform a site assessment at the White IU #002 Well Pad. According to the C-141, 190 bbls of fresh water and frac fluid were released. An offset frac by another operator forced the fresh water and frac fluid through the casing. This site is situated in Eddy County, Section 28, Township 18S, and Range 26E.

SESI personnel performed an assessment of the site in November of 2021 based on operator knowledge of the leak location. SESI personnel mapped the leak and performed delineation.

Surface and Ground Water

Based on the NMOCD Oil and Gas map included in this report, surface water is not present within 3,000 feet of this release. The New Mexico Office of the State Engineer records indicates the average depth to groundwater for the area to be between 175' and 225' bgs; Three wells were identified in the 0.5 mile area surrounding the release location, with one well being drilled in 2020, and identifying a static water level of 175' at the time of drilling.

Characterization

In November of 2021, SESI personnel performed sampling to determine vertical extent of the release. Four areas of concern were identified. The well pad, the North pasture, the Northeast pasture and the East pasture. SESI advanced auger holes within the leak areas. The samples were properly packaged and preserved and sent to Hall Laboratories for analysis. The results of the testing are captured in the summary below:

EOG Resources – White IU #2								
Soil Sample Results: Hall Environmental Laboratories 11/5/21								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
AH-1 @ Surface	390	ND	75	51	ND	ND	ND	ND
AH-1 @ 1'	110	ND	ND	ND	ND	ND	ND	ND
AH-2 @ Surface	390	ND	70	57	ND	ND	ND	ND
AH-2 @ 1'	110	ND	ND	ND	ND	ND	ND	ND
AH-3 @ Surface	190	ND	10	ND	ND	ND	ND	ND
AH-3 @ 1'	180	ND	20	ND	ND	ND	ND	ND
AH-4 @ Surface	190	ND	ND	ND	ND	ND	ND	ND
AH-4 @ 1'	170	ND	ND	ND	ND	ND	ND	ND
AH-5 @ Surface	970	ND	ND	ND	ND	ND	ND	ND
AH-5 @ 1'	180	ND	ND	ND	ND	ND	ND	ND
AH-6 @ Surface	800	110	910	430	ND	0.87	2.0	4.0
AH-6 @ 1'	500	ND	ND	ND	ND	ND	ND	ND
White Spill – Samples 11/17/21								
R-1 @ Surface	1800	ND	900	680	ND	ND	ND	ND
R-1 @ 1'	1600	ND	ND	ND	ND	ND	ND	ND
R-1 @ 2'	1700	ND	ND	ND	ND	ND	ND	ND
R-1 @ 3'	780	ND	ND	ND	ND	ND	ND	ND
R-1 @ 4'	480	ND	ND	ND	ND	ND	ND	ND
R-2 @ Surface	800	ND	10000	8600	ND	ND	ND	ND
R-2 @ 1'	1100	ND	230	110	ND	ND	ND	ND

R-3 @ Surface	1600	ND	46	ND	ND	ND	ND	ND
White Spill – Samples 11/20/21								
B-1 @ 15'	4100	ND	210	140	ND	ND	ND	ND
B-1 @ 18'	1200	ND	ND	ND	ND	ND	ND	ND
B-1 @ 20'	900	ND	ND	ND	ND	ND	ND	ND
B-1 @ 22'	2000	ND	ND	ND	ND	ND	ND	ND
B-1 @ 24'	400	ND	ND	ND	ND	ND	ND	ND

Remediation

Based on the results of the delineation, SESI, determined the best course of action is to excavate the contaminated soil around the impacted wellhead as practicable. The other areas off of the well pad were in need of a surface scraping to remove contaminants, and this procedure was subsequently completed, and confirmations samples taken of all 4 affected areas. In November of 2021, contaminated material was removed by excavating the affected areas. Confirmation samples were taken to ensure remediation was successful and that the vertical and horizontal extent of the release area had been established. The samples were properly preserved and packaged then sent to Hall Laboratories for analysis. The results of the sampling is captured in the table below.

EOG Resources - White UI 2								
Soil Sample Results: Hall Environmental Laboratories 11/22/21								
North Wall	380	ND	ND	ND	ND	ND	ND	ND
West Wall	400	ND	ND	ND	ND	ND	ND	ND
East Wall	290	ND	ND	ND	ND	ND	ND	ND
South Wall	270	ND	ND	ND	ND	ND	ND	ND
SP-1 @ 14'	120	ND	ND	ND	ND	ND	ND	ND
SP-2 @ 8'	270	ND	ND	ND	ND	ND	ND	ND

EOG Resources – White IU #2 North Pasture								
Soil Sample Results: Hall Environmental Laboratories 12/2/21								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP-1 @ Surface	340	ND	80	250	ND	ND	ND	ND
SP-2 @ Surface	280	ND	36	130	ND	ND	ND	ND
SP-3 @ Surface	290	ND	52	210	ND	ND	ND	ND
SP-4 @ 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

EOG Resources – White IU #2 Northeast Pasture								
Soil Sample Results: Hall Environmental Laboratories 12/2/21								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP-6 @ Surface	160	ND	ND	ND	ND	ND	ND	ND
SP-7 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
SP-8 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
SP-9 @ Surface	160	ND	ND	ND	ND	ND	ND	ND
SP-10 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
SP-11 @ Surface	ND	ND	11	ND	ND	ND	ND	ND
West Surface 1	ND	ND	ND	58	ND	ND	ND	ND
West Surface 2	ND	ND	ND	ND	ND	ND	ND	ND
West Surface 3	ND	ND	ND	ND	ND	ND	ND	ND

West Surface 4	ND	ND	ND	ND	ND	ND	ND	ND
West Surface 5	ND	ND	ND	86	ND	ND	ND	ND
SP-1 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
SP-2 @ Surface	160	ND	ND	64	ND	ND	ND	ND
SP-3 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
SP-4 @ Surface	160	ND	ND	ND	ND	ND	ND	ND
SP-5 @ Surface	160	ND	ND	ND	ND	ND	ND	ND
North Surface 1	ND	ND	ND	ND	ND	ND	ND	ND
North Surface 2	160	ND	ND	52	ND	ND	ND	ND
North Surface 3	ND	ND	ND	ND	ND	ND	ND	ND

EOG Resources – White IU #2 East Pasture								
Soil Sample Results: Hall Environmental Laboratories 11/24/21								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP-1 @ Surface	280	ND	ND	ND	ND	ND	ND	ND
SP-2 @ Surface	270	ND	ND	ND	ND	ND	ND	ND
SP-3 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
SP-4 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
SP-5 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND
North Surface 1	ND	ND	ND	ND	ND	ND	ND	ND
North Surface 2	ND	ND	ND	ND	ND	ND	ND	ND
South Surface 1	ND	ND	ND	ND	ND	ND	ND	ND
South Surface 2	ND	ND	ND	ND	ND	ND	ND	ND
East Surface	ND	ND	ND	ND	ND	ND	ND	ND

During review of the analytical data in preparation for the closure. There were samples that required some investigation. Specifically, R-2 @ 1', R-3 @ Surface, and SP-1, 2, & 3 for the North Pasture. It was also considered that due to the complex nature of the investigation at the well head, additional confirmation samples were taken to demonstrate adequate remediation across the entire excavation at the varying depths, 3', 8' and 14'. SESI returned to the location of each of these samples and collected new samples for analysis, which is presented in the tables below.

EOG Resources - White UI 2 *Re-sample SP-1,2, &3 of North Pasture*								
Soil Sample Results: Cardinal Laboratories 1/31/22								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl Benzene	Total Xylenes
R-2 @ 6"	336	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150
R-3 @ 6"	48	<10.0	23.6	<10.0	<0.050	<0.050	<0.050	<0.150
SP-1 @ Surface	336	<10.0	17.5	<10.0	<0.050	<0.050	<0.050	<0.150
SP-2 @ Surface	48	<10.0	12.4	<10.0	<0.050	<0.050	<0.050	<0.150
SP-3 @ Surface	48	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150

Review of these samples indicated that there was a sampling error or other anomaly that contributed to the initial sample readings. Once sample results verified successful remediation, vertical and horizontal extent, the site was backfilled with clean soil. Pictures of the remediation are included in this report.

EOG Resources - White UI 2 *Confirmation Samples for WH Excavation*								
Soil Sample Results: Hall Environmental Labs 3/4/22								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl Benzene	Total Xylenes
CS-1 @ 3'	ND	ND	ND	ND	ND	ND	ND	ND
CS-2 @ 3'	ND	ND	ND	ND	ND	ND	ND	ND
CS-3 @ 3'	410	ND	19	ND	ND	ND	ND	ND
CS-4 @ 3'	ND	ND	ND	ND	ND	ND	ND	ND
CS-5 @ 3'	250	ND	ND	ND	ND	ND	ND	ND
CS-6 @ 3'	ND	ND	ND	ND	ND	ND	ND	ND
CS-7A @ 2'	2400	ND	ND	ND	ND	ND	ND	ND
CS-7B @ 3'	320	ND	ND	ND	ND	ND	ND	ND
CS-8 @ 8'	120	ND	ND	ND	ND	ND	ND	ND
CS-9 @ 14'	ND	ND	ND	ND	ND	ND	ND	ND
CS-10 @ 8'	62	ND	13	ND	ND	ND	ND	ND

Review of these samples indicated adequate sample coverage for the size of the excavation and included samples at the varying depths. Once sample results verified successful remediation, vertical and horizontal extent, the site was backfilled with clean soil. Pictures of the remediation are included in this report.

Closure Request

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

Supplemental Documentation for Closure

Map of Release with sample locations
 Photos of release and remediation
 NMOCD Oil and Gas Map
 BLM Cave Karst Map
 FEMA Floodplain Map
 Laboratory Analysis

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	nAPP2131347236
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 #	nAPP2131347236
Contact mailing address	104 S. 4th Street, Artesia, NM 88210		

Location of Release Source

Latitude 32.71427 Longitude -104.37954
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	White IU #2	Site Type	Well Pad
Date Release Discovered	10/30/2021	API# (if applicable)	30-015-25677

Unit Letter	Section	Township	Range	County
P	28	18S	26E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Harmon Jurney, Troy Stebbins, Vickie Hall)

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)	Volume/Weight Released (provide units) Fresh water and frac fluid/ Unknown volume released	Volume/Weight Recovered (provide units) Fresh water and frac fluid/ 190 barrels
Cause of Release <u>An offset frac by another operator forced fresh water and frac fluid through the casing.</u>		

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Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 barrels of fluid released.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Andrea Felix to Jim Griswold, Mike Bratcher, and Robert Hamlet through email at 8:02 p.m. on October 30, 2021.	

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>11/09/2021</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u> Received by: _____ Date: _____	

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>175</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 checked="" type="checkbox"/> Yes <input 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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District RP	
Facility ID	
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 03/16/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2131347236
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Remediation Plan

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 03/16/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

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: Jennifer Nobui Date: 03/22/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

EOG Resources

White UI #002
P-28-18S-26E
Site Map


Legend

 32.71427, -104.37954

28

18S 26E



 32.71427, -104.37954

Google Earth

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200 ft



EOG Resources

White IU #2
28-18S-26E
Site Map w Samples

Legend

- ◆ @ 1'
- Spill Area 1
- 📌 White UI #002

18S 26E

27

AH-1 @ 1'

AH-2 @ 1'

AH-3 @ 1'

AH-4 @ 1'

AH-5 @ 1'

White UI #002

Google Earth

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1000 ft

EOG Resources

White UI #2
P-28-18S-26E
All Sample Points

Legend

 White UI #002

18S 26E

27

N Surface 2
SP-4 @ Surf
SP-11 NE
SP-10 NE
AH-2 @ 1'
SP-9 NE
SP-8 NE
SP-7 NE
W Surf 1 NE
AH-4 @ 1'
SP-1 NE
AH-5 @ 1'
W Surf 2 N
E Surf 2 N
SP-2 N
R1 Samples
SP-2 BTM @ 8'
Release Point 2
White UI #002
N Surface 1
SP-5 @ Surf
S Surface 1
SP-1 @ Surf
SP-6 NE
AH-3 @ 1'
AH-6 @ 1'

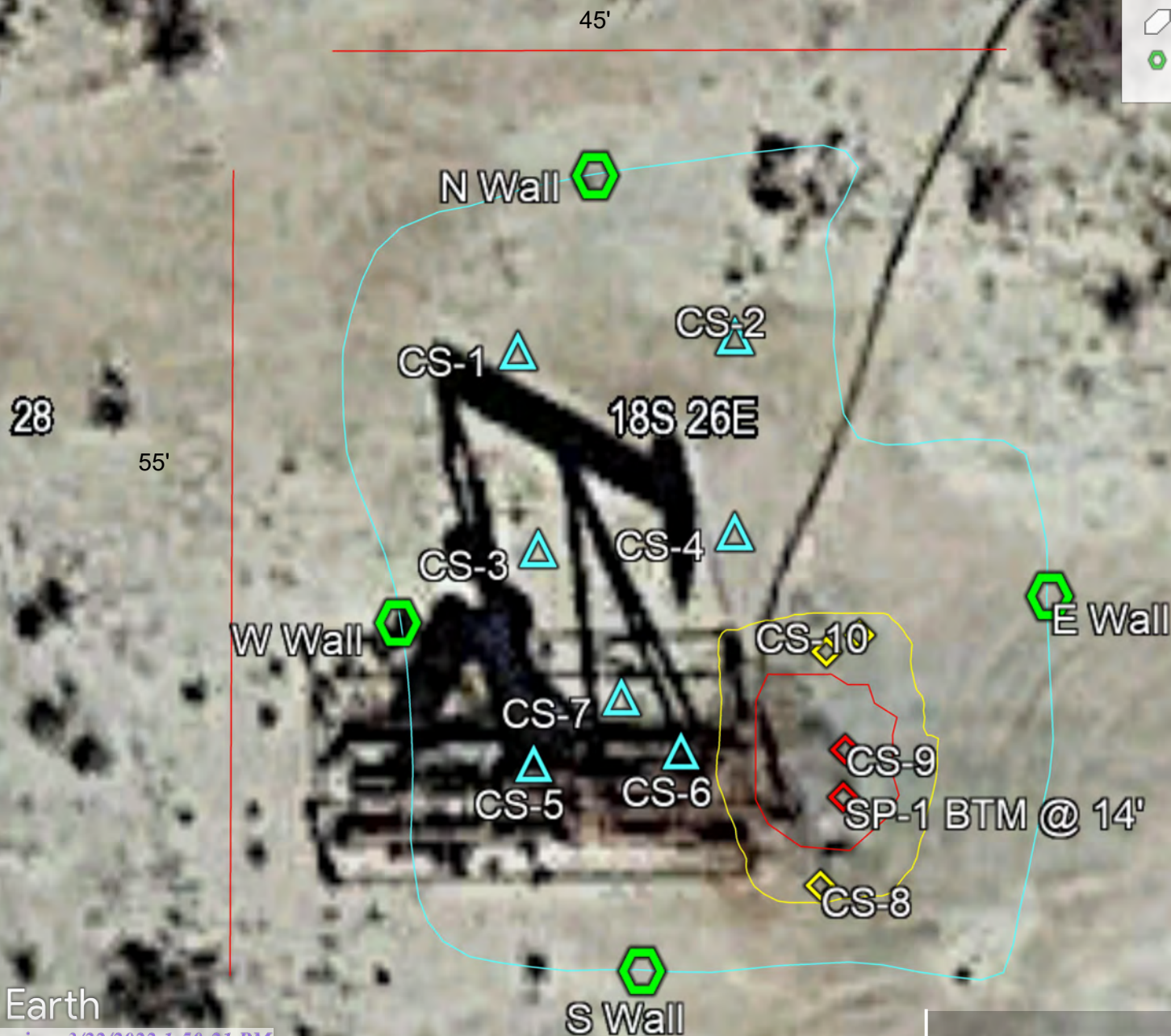


EOG Resources

White UI #2 Excavation
P-28-18S-26E
Dimensions - 2189 sqft
Approx 45' x 55', varying depths

Legend

- Conf. Samples @ 14'
- Conf. Samples @ 3'
- Conf. Samples @ 8'
- Excavation @ 14'
- Excavation @ 8'
- Horizontal Extent Samples



EOG Resources

White UI #2
P-28-18S-26E
North Pasture Samples Points &
Excavation

Legend

- Excavation and Scraping area
- N. Pasture Horiz Extent
- N. Pasture Sample Pts

28

W Surf 1 N

E Surf 1 N

18S 26E

SP-2 N

R2 Samples

SP-1 N

R1 Samples

N Surf N

R-3

SP-4 N

W Surf 2 N

E Surf 2 N

SP-3 N

N Wall

CS-2

Google Earth

Released to Imaging: 3/22/2022 1:50:21 PM



100 ft

EOG Resources

White UI #2
P-28-18S-26E
Northeast Pasture Samples Points

Legend

- NE. Pasture Horiz Extent
- NE. Pasture Sample Pts

18S 26E

27

SP-11 NE

W Surf 5 NE

SP-10 NE

W Surf 4 NE

SP-9 NE

W Surf 3 NE

SP-8 NE

W Surf 2 NE

SP-7 NE

W Surf 1 NE

SP-6 NE

N Surf 2 NE

N Surf NE

N Surf 3 NE

SP-2 NE

SP-3 NE

SP-5 NE

SP-1 NE

SP-4 NE

Google Earth



200 ft

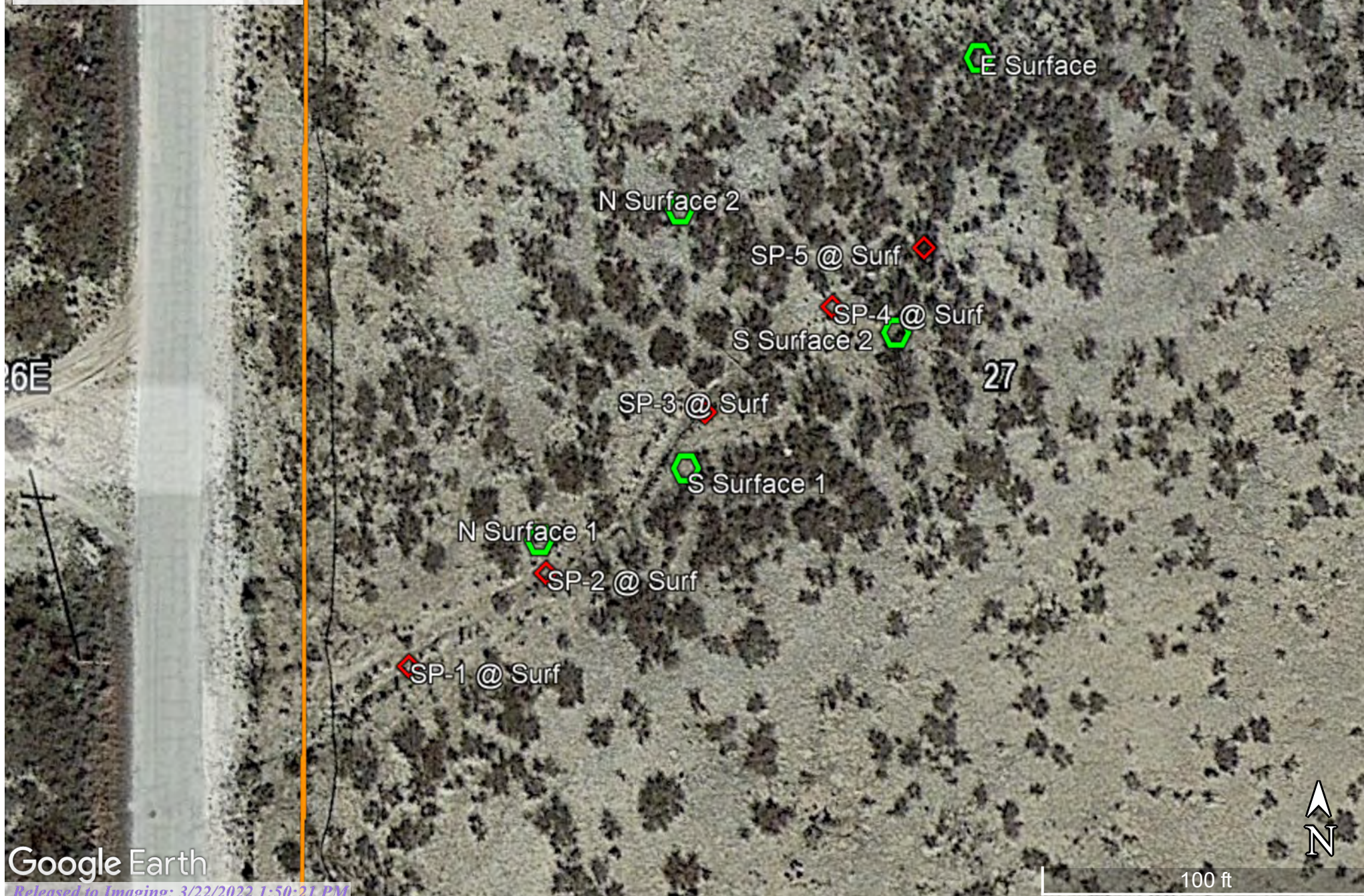


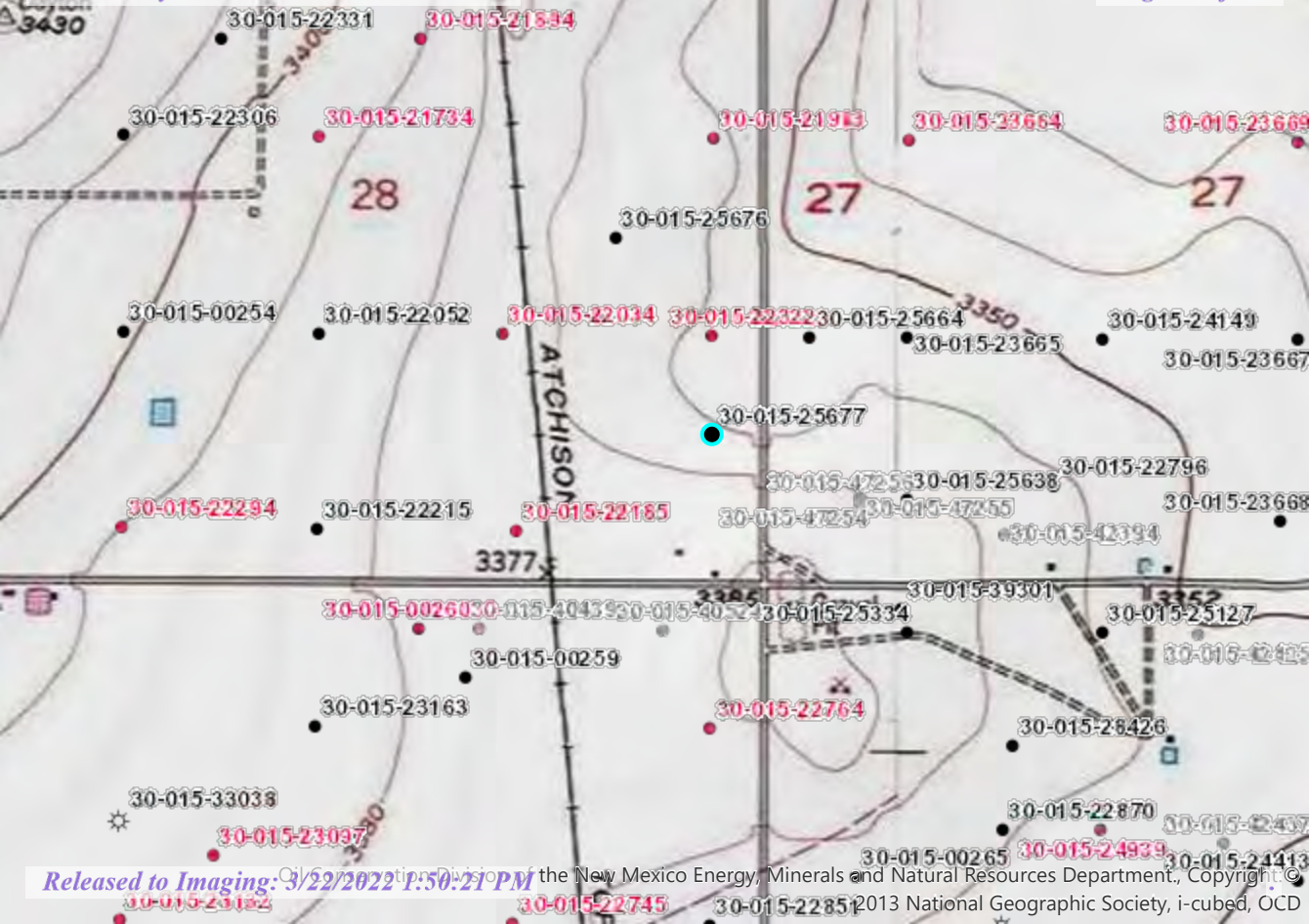
EOG Resources

White UI #2
P-28-18S-26E
East Pasture Samples Points

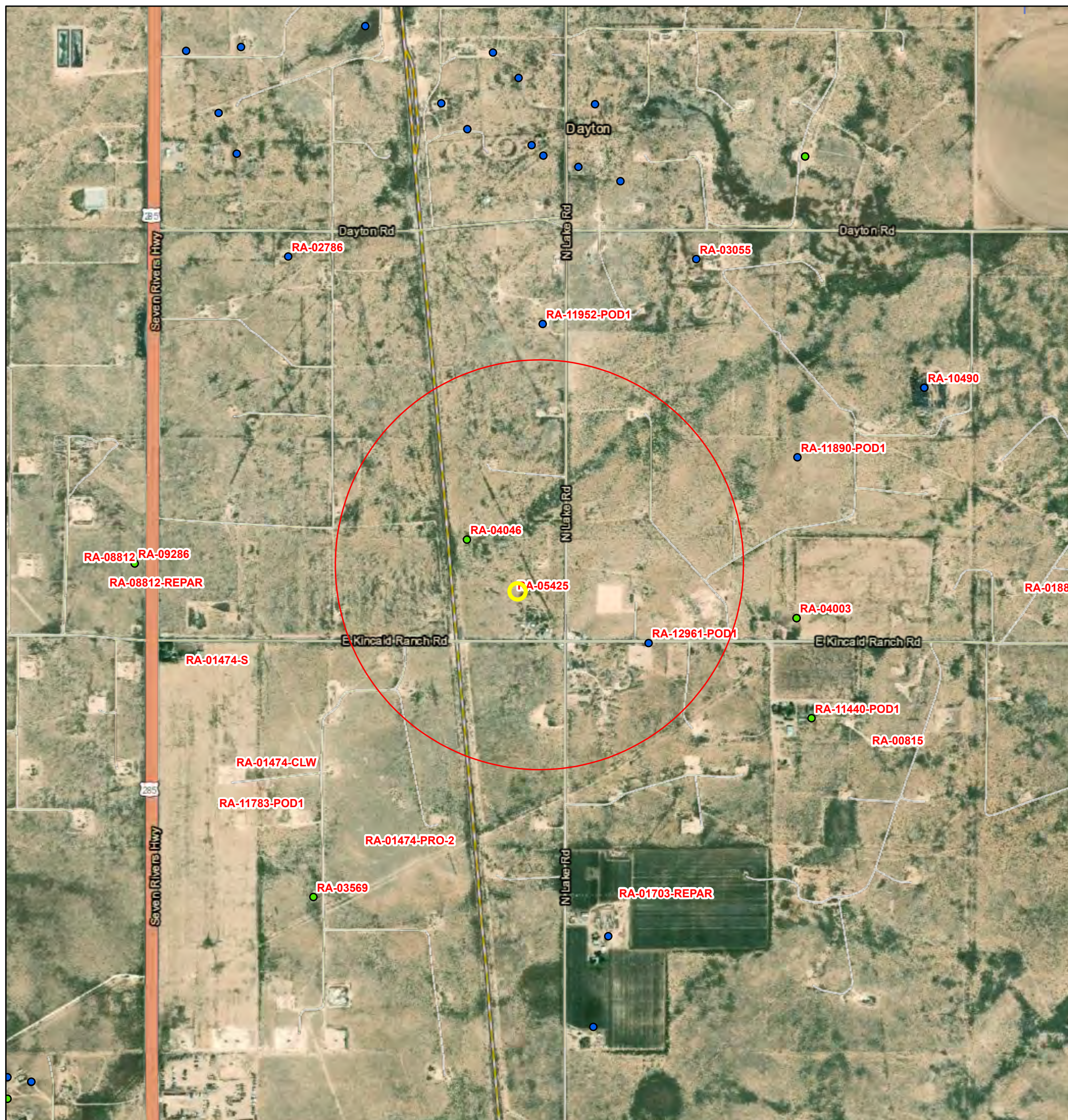
Legend

-  E. Pasture Horiz Extent
-  E. Pasture Sample Pts





OSE PUBLIC PRINT



11/2/2021, 3:31:03 PM

GIS WATERS PODs

- Active

- Pending

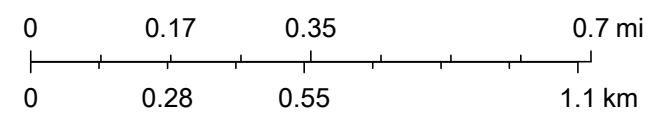
 OSE District Boundary

Conveyances

- Ditch

- 
- SiteBoundaries

1:18,056



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	RA 04046			4	28	18S	26E	557859	3619879*
Driller License:		Driller Company:							
Driller Name:									
Drill Start Date:		Drill Finish Date:				Plug Date:			
Log File Date:		PCW Rcv Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	7.00	Depth Well:				125 feet		Depth Water:	

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/2/21 3:34 PM

POINT OF DIVERSION SUMMARY



Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number: 255197 **Transaction Desc:** RA 05425 **File Date:** 05/14/1968

Primary Status: PMT Permit
Secondary Status: LOG Well Log Received
Person Assigned: *****
Applicant: CHARLES E. JURNEY

Events

Date	Type	Description	Comment	Processed By
05/14/1968	APP	Application Received		*****
05/15/1968	FIN	Final Action on application		*****
05/15/1968	WAP	General Approval Letter		*****
05/20/1968	LOG	Well Log Received		*****

Change To:

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
RA 05425		3		DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
**Point of Diversion				
RA 05425		558060	3619677*	
An () after northing value indicates UTM location was derived from PLSS - see Help				

Remarks

Also used for Livestock Watering.

Conditions

- 1A Depth of the well shall not exceed the thickness of the valley fill.
- 4 Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

Action of the State Engineer

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A - Approved
Action Date: 05/15/1968
Log Due Date: 06/01/1969
State Engineer:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/2/21 3:32 PM

TRANSACTION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

RECORD 1920191

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) RA12961 POD #1		WELL TAG ID NO. ID20D08		OSE FILE NO(S). RA12961			
	WELL OWNER NAME(S) MARIA A. RUIZ & JESUS MENDOZA				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS PO BOX 1474				CITY ARTESIA	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 42	SECONDS 41.40 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SECTION, 27, T18S, R26E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1192		NAME OF LICENSED DRILLER ANGEL SALAZAR			NAME OF WELL DRILLING COMPANY UNITED DRILLING, INC.		
	DRILLING STARTED 10/05/20	DRILLING ENDED 10/09/20	DEPTH OF COMPLETED WELL (FT) 215 FT.	BORE HOLE DEPTH (FT) 215 FT.	DEPTH WATER FIRST ENCOUNTERED (FT) 180 FT.			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 175 FT.			
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	155	8 3/4		SLIP GLUE	5"	1/4	
	155	195		40 FT. .05 SCREEN		5"	1/4	.05
	195	215		BLANK PVC		5"	1/4	
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	20	8 3/4	CEMENT SEAL		DUMP FROM SURFACE		
	20	215		GRAVEL PACK	PEE GRAVEL	DUMP FROM SURFACE		


FOR OSE INTERNAL USE

FILE NO. RA-12961	POD NO. 1	WR-20 WELL RECORD & LOG (Version 04/30/19)
LOCATION 343 T18S R26E Sec 27	TRN NO. 679533	
WELL TAG ID NO. 20D08	PAGE 1 OF 2	

DATE OF LOG: 10/16/2020

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	10		CALICHI	Y ✓ N	
	10	20		CALICHI	Y ✓ N	
	20	30		CALICHI	Y ✓ N	
	30	40		CALICHI	Y ✓ N	
	40	50		BROWN SAND	Y ✓ N	
	50	60		SANDY SHALE	Y ✓ N	
	60	70		SANDY GRAVEL	Y ✓ N	
	70	80		RED SHALE W/GRAVEL	Y ✓ N	
	80	90		RED SHALE W/GRAVEL	Y ✓ N	
	90	100		RED SHALE	Y ✓ N	
	100	110		BROWN SAND	Y ✓ N	
	110	120		SANDY GRAVEL	Y ✓ N	
	120	130		SANDY GRAVEL	Y ✓ N	
	130	140		SANDY GRAVEL	Y ✓ N	
	140	150		GRAY SHALE	Y ✓ N	
	150	160		GRAY SHALE	Y ✓ N	
	160	170		GRAY SHALE	Y ✓ N	
	170	180		GRAY SHALE W/SAND	✓ Y N	
	180	190		GRAY SANDY RED CLAY	✓ Y N	
	190	200		RED CLAY	Y ✓ N	
	200	215		RED SAND	✓ Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 5 gals	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: ANGEL SALAZAR	

6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.	
	SIGNATURE OF DRILLER 	DATE 10/16/20
	PRINT SIGNED NAME	

FOR USE INTERNAL USE

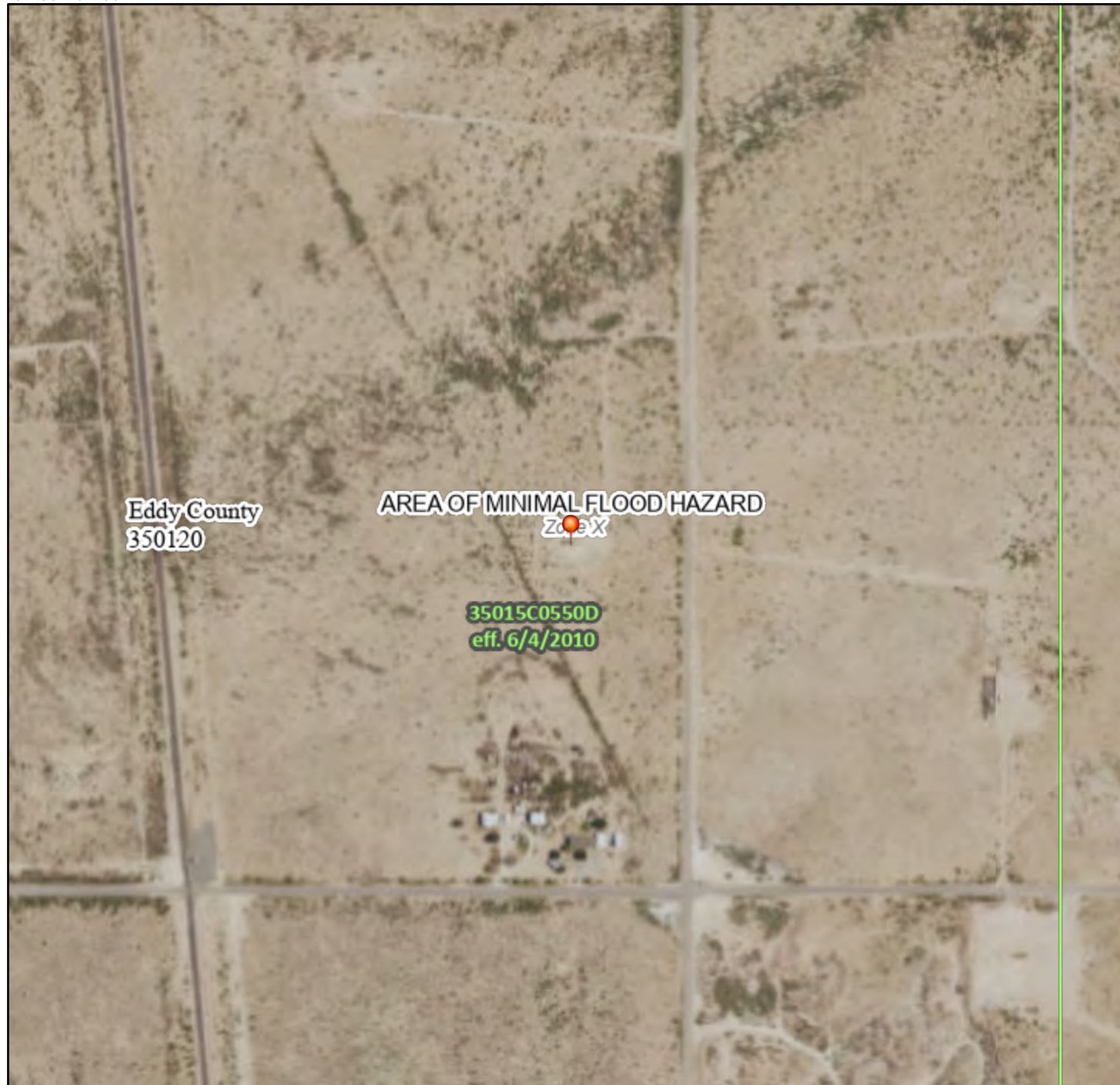
WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. RA-12961	POD NO. 1	TRN NO. 679533
LOCATION 343 T185 R26E Sec 27	WELL TAG ID NO. 20D08	PAGE 2 OF 2

National Flood Hazard Layer FIRMette



104°23'5"W 32°43'6"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
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 **11/2/2021 at 6:10 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.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

104°22'28"W 32°42'36"N



Released to Imaging: 3/22/2022 P.30:21 PM


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

EOG Resources

White UI #002
P-28-18S-34E
Karst Map - Low

Legend

-  High
-  Low
-  Medium
-  White UI #002



 White UI #002

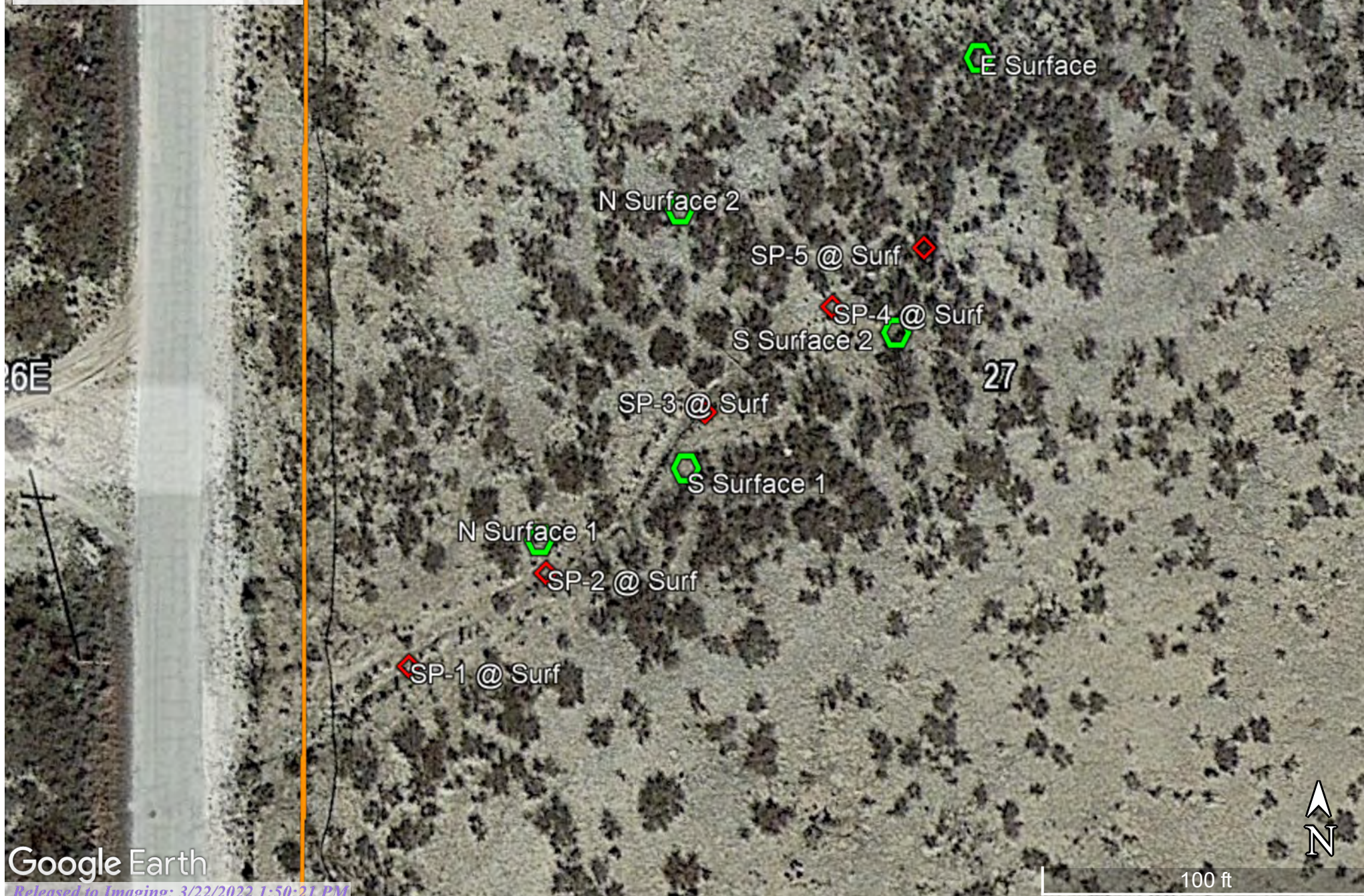


EOG Resources

White UI #2
P-28-18S-26E
East Pasture Samples Points

Legend

-  E. Pasture Horiz Extent
-  E. Pasture Sample Pts





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

December 09, 2021

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

RE: EOG White UI 2 East Pasture

OrderNo.: 2111C01

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 10 sample(s) on 11/24/2021 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 light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-1 Surface

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 11:05:00 AM

Lab ID: 2111C01-001

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	280	59		mg/Kg	20	11/29/2021 7:54:50 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/30/2021 1:47:09 PM	64182
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2021 1:47:09 PM	64182
Surr: DNOP	101	70-130		%Rec	1	11/30/2021 1:47:09 PM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/29/2021 10:56:40 AM	64166
Surr: BFB	100	70-130		%Rec	1	11/29/2021 10:56:40 AM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 10:56:40 AM	64166
Toluene	ND	0.047		mg/Kg	1	11/29/2021 10:56:40 AM	64166
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 10:56:40 AM	64166
Xylenes, Total	ND	0.095		mg/Kg	1	11/29/2021 10:56:40 AM	64166
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	11/29/2021 10:56:40 AM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 1 of 15

Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-2 Surface

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 11:20:00 AM

Lab ID: 2111C01-002

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	270	60		mg/Kg	20	11/29/2021 8:56:52 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/30/2021 2:11:05 PM	64182
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 2:11:05 PM	64182
Surr: DNOP	104	70-130		%Rec	1	11/30/2021 2:11:05 PM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/29/2021 11:20:20 AM	64166
Surr: BFB	101	70-130		%Rec	1	11/29/2021 11:20:20 AM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 11:20:20 AM	64166
Toluene	ND	0.049		mg/Kg	1	11/29/2021 11:20:20 AM	64166
Ethylbenzene	ND	0.049		mg/Kg	1	11/29/2021 11:20:20 AM	64166
Xylenes, Total	ND	0.097		mg/Kg	1	11/29/2021 11:20:20 AM	64166
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/29/2021 11:20:20 AM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 2 of 15

Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-3 Surface

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 11:35:00 AM

Lab ID: 2111C01-003

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 9:34:04 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/30/2021 2:34:59 PM	64182
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2021 2:34:59 PM	64182
Surr: DNOP	98.9	70-130		%Rec	1	11/30/2021 2:34:59 PM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/29/2021 11:44:08 AM	64166
Surr: BFB	103	70-130		%Rec	1	11/29/2021 11:44:08 AM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 11:44:08 AM	64166
Toluene	ND	0.048		mg/Kg	1	11/29/2021 11:44:08 AM	64166
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 11:44:08 AM	64166
Xylenes, Total	ND	0.095		mg/Kg	1	11/29/2021 11:44:08 AM	64166
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/29/2021 11:44:08 AM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 3 of 15

Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-4 Surface

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 11:45:00 AM

Lab ID: 2111C01-004

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 9:46:28 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/7/2021 11:34:48 AM	64182
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/7/2021 11:34:48 AM	64182
Surr: DNOP	76.4	70-130		%Rec	1	12/7/2021 11:34:48 AM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/29/2021 12:08:02 PM	64166
Surr: BFB	106	70-130		%Rec	1	11/29/2021 12:08:02 PM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 12:08:02 PM	64166
Toluene	ND	0.048		mg/Kg	1	11/29/2021 12:08:02 PM	64166
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 12:08:02 PM	64166
Xylenes, Total	ND	0.097		mg/Kg	1	11/29/2021 12:08:02 PM	64166
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/29/2021 12:08:02 PM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 4 of 15

Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-5 Surface

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 12:40:00 PM

Lab ID: 2111C01-005

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 9:58:52 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/30/2021 2:58:50 PM	64182
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 2:58:50 PM	64182
Surr: DNOP	103	70-130		%Rec	1	11/30/2021 2:58:50 PM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/29/2021 12:32:02 PM	64166
Surr: BFB	108	70-130		%Rec	1	11/29/2021 12:32:02 PM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 12:32:02 PM	64166
Toluene	ND	0.048		mg/Kg	1	11/29/2021 12:32:02 PM	64166
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 12:32:02 PM	64166
Xylenes, Total	ND	0.095		mg/Kg	1	11/29/2021 12:32:02 PM	64166
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/29/2021 12:32:02 PM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface 1

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 2:15:00 PM

Lab ID: 2111C01-006

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 10:11:17 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/7/2021 11:58:21 AM	64182
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/7/2021 11:58:21 AM	64182
Surr: DNOP	76.7	70-130		%Rec	1	12/7/2021 11:58:21 AM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/29/2021 12:56:05 PM	64166
Surr: BFB	109	70-130		%Rec	1	11/29/2021 12:56:05 PM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 12:56:05 PM	64166
Toluene	ND	0.047		mg/Kg	1	11/29/2021 12:56:05 PM	64166
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 12:56:05 PM	64166
Xylenes, Total	ND	0.094		mg/Kg	1	11/29/2021 12:56:05 PM	64166
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/29/2021 12:56:05 PM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface 2

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 2:30:00 PM

Lab ID: 2111C01-007

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 10:23:41 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/30/2021 3:22:40 PM	64182
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 3:22:40 PM	64182
Surr: DNOP	101	70-130		%Rec	1	11/30/2021 3:22:40 PM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/29/2021 1:19:27 PM	64166
Surr: BFB	104	70-130		%Rec	1	11/29/2021 1:19:27 PM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/29/2021 1:19:27 PM	64166
Toluene	ND	0.050		mg/Kg	1	11/29/2021 1:19:27 PM	64166
Ethylbenzene	ND	0.050		mg/Kg	1	11/29/2021 1:19:27 PM	64166
Xylenes, Total	ND	0.10		mg/Kg	1	11/29/2021 1:19:27 PM	64166
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/29/2021 1:19:27 PM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: South Surface 1

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 2:45:00 PM

Lab ID: 2111C01-008

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 11:00:54 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/7/2021 12:21:55 PM	64182
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/7/2021 12:21:55 PM	64182
Surr: DNOP	74.2	70-130		%Rec	1	12/7/2021 12:21:55 PM	64182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/29/2021 1:42:44 PM	64166
Surr: BFB	104	70-130		%Rec	1	11/29/2021 1:42:44 PM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 1:42:44 PM	64166
Toluene	ND	0.049		mg/Kg	1	11/29/2021 1:42:44 PM	64166
Ethylbenzene	ND	0.049		mg/Kg	1	11/29/2021 1:42:44 PM	64166
Xylenes, Total	ND	0.097		mg/Kg	1	11/29/2021 1:42:44 PM	64166
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/29/2021 1:42:44 PM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: South Surface 2

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 2:55:00 PM

Lab ID: 2111C01-009

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 11:13:19 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/30/2021 10:36:12 AM	64198
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 10:36:12 AM	64198
Surr: DNOP	88.9	70-130		%Rec	1	11/30/2021 10:36:12 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/29/2021 2:06:18 PM	64166
Surr: BFB	99.0	70-130		%Rec	1	11/29/2021 2:06:18 PM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/29/2021 2:06:18 PM	64166
Toluene	ND	0.049		mg/Kg	1	11/29/2021 2:06:18 PM	64166
Ethylbenzene	ND	0.049		mg/Kg	1	11/29/2021 2:06:18 PM	64166
Xylenes, Total	ND	0.099		mg/Kg	1	11/29/2021 2:06:18 PM	64166
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	11/29/2021 2:06:18 PM	64166

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111C01

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: East Surface

Project: EOG White UI 2 East Pasture

Collection Date: 11/23/2021 3:10:00 PM

Lab ID: 2111C01-010

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 11:25:43 PM	64204
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/30/2021 10:59:51 AM	64198
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 10:59:51 AM	64198
Surr: DNOP	98.1	70-130		%Rec	1	11/30/2021 10:59:51 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/29/2021 3:40:12 PM	64166
Surr: BFB	98.4	70-130		%Rec	1	11/29/2021 3:40:12 PM	64166
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/29/2021 3:40:12 PM	64166
Toluene	ND	0.048		mg/Kg	1	11/29/2021 3:40:12 PM	64166
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 3:40:12 PM	64166
Xylenes, Total	ND	0.096		mg/Kg	1	11/29/2021 3:40:12 PM	64166
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	11/29/2021 3:40:12 PM	64166

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	Value above quantitation range
	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#: 2111C01

09-Dec-21

Client: Safety & Environmental Solutions

Project: EOG White UI 2 East Pasture

Sample ID: MB-64204		SampType: mblk			TestCode: EPA Method 300.0: Anions					
Client ID: PBS		Batch ID: 64204			RunNo: 83157					
Prep Date: 11/29/2021		Analysis Date: 11/29/2021			SeqNo: 2954392		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64204		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 64204		RunNo: 83157						
Prep Date: 11/29/2021		Analysis Date: 11/29/2021		SeqNo: 2954393		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Qualifiers:

- *

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

% Recovery outside of range due to dilution or matrix interference
- B

Analyte detected in the associated Method Blank
- E

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

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

WO#: 2111C01

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 East Pasture

Sample ID: MB-64198	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64198	RunNo: 83163								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954780 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	9.8		10.00		97.7	70	130			

Sample ID: LCS-64198	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64198	RunNo: 83163								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954791 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.4	68.9	135			
Surr: DNOP	4.6		5.000		91.6	70	130			

Sample ID: LCS-64182	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64182	RunNo: 83166								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954832 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	4.4		5.000		88.6	70	130			

Sample ID: MB-64182	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64182	RunNo: 83166								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954833 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		93.4	70	130			

Sample ID: 2111C01-009AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: South Surface 2	Batch ID: 64198	RunNo: 83164								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954847 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	49.95	0	79.5	39.3	155	0.906	23.4	
Surr: DNOP	3.4		4.995		67.1	70	130	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111C01

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 East Pasture

Sample ID: 2111C01-009AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: South Surface 2	Batch ID: 64198	RunNo: 83164								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954851	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.5	47.71	0	84.0	39.3	155			
Surr: DNOP	3.4		4.771		71.9	70	130			

Sample ID: LCS-64215	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64215	RunNo: 83211								
Prep Date: 11/30/2021	Analysis Date: 12/2/2021	SeqNo: 2956906	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.9		5.000		78.4	70	130			

Sample ID: LCS-64223	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64223	RunNo: 83211								
Prep Date: 11/30/2021	Analysis Date: 12/1/2021	SeqNo: 2956907	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.2		5.000		83.7	70	130			

Sample ID: LCS-64225	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64225	RunNo: 83211								
Prep Date: 11/30/2021	Analysis Date: 12/1/2021	SeqNo: 2956908	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000		89.3	70	130			

Sample ID: MB-64223	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64223	RunNo: 83211								
Prep Date: 11/30/2021	Analysis Date: 12/1/2021	SeqNo: 2956910	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	13		10.00		134	70	130			S

Sample ID: MB-64225	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64225	RunNo: 83211								
Prep Date: 11/30/2021	Analysis Date: 12/1/2021	SeqNo: 2956911	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		104	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111C01

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 East Pasture

Sample ID: mb-64166	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64166	RunNo: 83144								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953865			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	990		1000		98.9	70	130			

Sample ID: lcs-64166	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64166	RunNo: 83144								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953866			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.1	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Sample ID: mb-64196	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64196	RunNo: 83185								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2955215			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	970		1000		97.3	70	130			

Sample ID: lcs-64196	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64196	RunNo: 83185								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2955216			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		113	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
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#: 2111C01

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 East Pasture

Sample ID: mb-64166	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64166	RunNo: 83144								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953909 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	0.99		1.000		98.7	70	130			

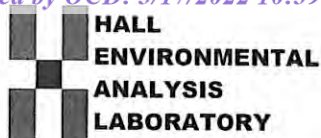
Sample ID: LCS-64166	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64166	RunNo: 83144								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953910 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.0	80	120			
Toluene	0.94	0.050	1.000	0	94.2	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.2	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: mb-64196	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64196	RunNo: 83185								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2955257 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		97.2	70	130			

Sample ID: LCS-64196	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64196	RunNo: 83185								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2955258 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2111C01

RcptNo: 1

Received By: Cheyenne Cason 11/24/2021 7:43:00 AM

Completed By: Sean Livingston 11/24/2021 8:10:02 AM

Reviewed By: JN 11/24/21

Handwritten signatures: Cason, Sean Livingston

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *Cue 11/24/21*

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.9	Good				
2	3.1	Good				

Chain-of-Custody Record

Client:

Society for Environmental Solutions

Mailing Address:

703 E. Clifton
4666 N.W. 88240

Phone #:

575-397-0510

Email or Fax#:

QA/QC Package:

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

Turn-Around Time:

5 days 4 hr per client

☒ Standard ☐ Rush

Project Name:

EDG EAST
WHITE LITZ RESURC

Project #:

EDG-21-003

Project Manager:

Allen, Bob

Sampler:

Site from

On Ice:

☒ Yes ☐ No

of Coolers: 2 4.9-0=4.9

Cooler Temp (including CF): 3.1-0=3.1 (°C)

Container Type and #

Preservative Type

HEAL No.

Type and #

Type

HEAL No.

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EOG Resources

White UI #2
P-28-18S-26E
Northeast Pasture Samples Points

Legend

- NE. Pasture Horiz Extent
- NE. Pasture Sample Pts

18S 26E

27

SP-11 NE

W Surf 5 NE

SP-10 NE

W Surf 4 NE

SP-9 NE

W Surf 3 NE

SP-8 NE

W Surf 2 NE

SP-7 NE

W Surf 1 NE

SP-6 NE

N Surf 2 NE

N Surf NE

N Surf 3 NE

SP-2 NE

SP-3 NE

SP-5 NE

SP-1 NE

SP-4 NE

Google Earth

200 ft



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

December 09, 2021

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

RE: EOG White UI 2 NE Pasture

OrderNo.: 2112087

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 19 sample(s) on 12/2/2021 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 light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-6 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 9:45:00 AM

Lab ID: 2112087-001

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	60		mg/Kg	20	12/3/2021 9:17:59 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/6/2021 11:10:11 AM	64286
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/6/2021 11:10:11 AM	64286
Surr: DNOP	87.9	70-130		%Rec	1	12/6/2021 11:10:11 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/3/2021 9:19:00 AM	64265
Surr: BFB	101	70-130		%Rec	1	12/3/2021 9:19:00 AM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 9:19:00 AM	64265
Toluene	ND	0.050		mg/Kg	1	12/3/2021 9:19:00 AM	64265
Ethylbenzene	ND	0.050		mg/Kg	1	12/3/2021 9:19:00 AM	64265
Xylenes, Total	ND	0.10		mg/Kg	1	12/3/2021 9:19:00 AM	64265
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	12/3/2021 9:19:00 AM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-7 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 9:55:00 AM

Lab ID: 2112087-002

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 9:30:19 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	12/4/2021 4:56:19 AM	64286
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/4/2021 4:56:19 AM	64286
Surr: DNOP	80.7	70-130		%Rec	1	12/4/2021 4:56:19 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/3/2021 10:18:00 AM	64265
Surr: BFB	98.1	70-130		%Rec	1	12/3/2021 10:18:00 AM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	12/3/2021 10:18:00 AM	64265
Toluene	ND	0.047		mg/Kg	1	12/3/2021 10:18:00 AM	64265
Ethylbenzene	ND	0.047		mg/Kg	1	12/3/2021 10:18:00 AM	64265
Xylenes, Total	ND	0.094		mg/Kg	1	12/3/2021 10:18:00 AM	64265
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	12/3/2021 10:18:00 AM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-8 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 10:15:00 AM

Lab ID: 2112087-003

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 10:07:23 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/4/2021 5:06:43 AM	64286
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 5:06:43 AM	64286
Surr: DNOP	83.3	70-130		%Rec	1	12/4/2021 5:06:43 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/3/2021 10:38:00 AM	64265
Surr: BFB	99.6	70-130		%Rec	1	12/3/2021 10:38:00 AM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 10:38:00 AM	64265
Toluene	ND	0.048		mg/Kg	1	12/3/2021 10:38:00 AM	64265
Ethylbenzene	ND	0.048		mg/Kg	1	12/3/2021 10:38:00 AM	64265
Xylenes, Total	ND	0.096		mg/Kg	1	12/3/2021 10:38:00 AM	64265
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	12/3/2021 10:38:00 AM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-9 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 10:30:00 AM

Lab ID: 2112087-004

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	59		mg/Kg	20	12/3/2021 10:19:44 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/6/2021 11:20:34 AM	64286
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/6/2021 11:20:34 AM	64286
Surr: DNOP	96.2	70-130		%Rec	1	12/6/2021 11:20:34 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/3/2021 10:57:00 AM	64265
Surr: BFB	99.4	70-130		%Rec	1	12/3/2021 10:57:00 AM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 10:57:00 AM	64265
Toluene	ND	0.048		mg/Kg	1	12/3/2021 10:57:00 AM	64265
Ethylbenzene	ND	0.048		mg/Kg	1	12/3/2021 10:57:00 AM	64265
Xylenes, Total	ND	0.097		mg/Kg	1	12/3/2021 10:57:00 AM	64265
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	12/3/2021 10:57:00 AM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-10 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 10:55:00 AM

Lab ID: 2112087-005

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 10:32:05 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/6/2021 11:31:01 AM	64286
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/6/2021 11:31:01 AM	64286
Surr: DNOP	100	70-130		%Rec	1	12/6/2021 11:31:01 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/3/2021 11:17:00 AM	64265
Surr: BFB	99.2	70-130		%Rec	1	12/3/2021 11:17:00 AM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 11:17:00 AM	64265
Toluene	ND	0.050		mg/Kg	1	12/3/2021 11:17:00 AM	64265
Ethylbenzene	ND	0.050		mg/Kg	1	12/3/2021 11:17:00 AM	64265
Xylenes, Total	ND	0.099		mg/Kg	1	12/3/2021 11:17:00 AM	64265
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	12/3/2021 11:17:00 AM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 5 of 23

Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-11 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 11:10:00 AM

Lab ID: 2112087-006

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 10:44:25 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	11	9.5		mg/Kg	1	12/6/2021 11:41:29 AM	64286
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/6/2021 11:41:29 AM	64286
Surr: DNOP	106	70-130		%Rec	1	12/6/2021 11:41:29 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/3/2021 11:37:00 AM	64265
Surr: BFB	100	70-130		%Rec	1	12/3/2021 11:37:00 AM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 11:37:00 AM	64265
Toluene	ND	0.048		mg/Kg	1	12/3/2021 11:37:00 AM	64265
Ethylbenzene	ND	0.048		mg/Kg	1	12/3/2021 11:37:00 AM	64265
Xylenes, Total	ND	0.096		mg/Kg	1	12/3/2021 11:37:00 AM	64265
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	12/3/2021 11:37:00 AM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface 1

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 11:25:00 AM

Lab ID: 2112087-007

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 10:56:47 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	12/6/2021 11:52:00 AM	64286
Motor Oil Range Organics (MRO)	58	48		mg/Kg	1	12/6/2021 11:52:00 AM	64286
Surr: DNOP	89.3	70-130		%Rec	1	12/6/2021 11:52:00 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/3/2021 11:56:00 AM	64265
Surr: BFB	104	70-130		%Rec	1	12/3/2021 11:56:00 AM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 11:56:00 AM	64265
Toluene	ND	0.049		mg/Kg	1	12/3/2021 11:56:00 AM	64265
Ethylbenzene	ND	0.049		mg/Kg	1	12/3/2021 11:56:00 AM	64265
Xylenes, Total	ND	0.098		mg/Kg	1	12/3/2021 11:56:00 AM	64265
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	12/3/2021 11:56:00 AM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface 2

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 11:45:00 AM

Lab ID: 2112087-008

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 11:09:08 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/6/2021 4:18:50 PM	64286
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/6/2021 4:18:50 PM	64286
Surr: DNOP	92.0	70-130		%Rec	1	12/6/2021 4:18:50 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/3/2021 12:16:00 PM	64265
Surr: BFB	95.9	70-130		%Rec	1	12/3/2021 12:16:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 12:16:00 PM	64265
Toluene	ND	0.050		mg/Kg	1	12/3/2021 12:16:00 PM	64265
Ethylbenzene	ND	0.050		mg/Kg	1	12/3/2021 12:16:00 PM	64265
Xylenes, Total	ND	0.099		mg/Kg	1	12/3/2021 12:16:00 PM	64265
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	12/3/2021 12:16:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface 3

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 12:15:00 PM

Lab ID: 2112087-009

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	61		mg/Kg	20	12/3/2021 11:21:28 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/6/2021 5:06:08 PM	64286
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/6/2021 5:06:08 PM	64286
Surr: DNOP	91.1	70-130		%Rec	1	12/6/2021 5:06:08 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/3/2021 12:36:00 PM	64265
Surr: BFB	87.6	70-130		%Rec	1	12/3/2021 12:36:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 12:36:00 PM	64265
Toluene	ND	0.048		mg/Kg	1	12/3/2021 12:36:00 PM	64265
Ethylbenzene	ND	0.048		mg/Kg	1	12/3/2021 12:36:00 PM	64265
Xylenes, Total	ND	0.097		mg/Kg	1	12/3/2021 12:36:00 PM	64265
Surr: 4-Bromofluorobenzene	84.8	70-130		%Rec	1	12/3/2021 12:36:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface 4

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 12:35:00 PM

Lab ID: 2112087-010

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 11:33:49 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/6/2021 5:53:12 PM	64286
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/6/2021 5:53:12 PM	64286
Surr: DNOP	96.1	70-130		%Rec	1	12/6/2021 5:53:12 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/3/2021 1:35:00 PM	64265
Surr: BFB	94.5	70-130		%Rec	1	12/3/2021 1:35:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 1:35:00 PM	64265
Toluene	ND	0.050		mg/Kg	1	12/3/2021 1:35:00 PM	64265
Ethylbenzene	ND	0.050		mg/Kg	1	12/3/2021 1:35:00 PM	64265
Xylenes, Total	ND	0.10		mg/Kg	1	12/3/2021 1:35:00 PM	64265
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	12/3/2021 1:35:00 PM	64265

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	Value above quantitation range
	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 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface 5

Project: EOG White UI 2 NE Pasture

Collection Date: 11/30/2021 12:55:00 PM

Lab ID: 2112087-011

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 11:46:10 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/6/2021 1:39:12 PM	64286
Motor Oil Range Organics (MRO)	86	49		mg/Kg	1	12/6/2021 1:39:12 PM	64286
Surr: DNOP	95.9	70-130		%Rec	1	12/6/2021 1:39:12 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/3/2021 1:54:00 PM	64265
Surr: BFB	91.6	70-130		%Rec	1	12/3/2021 1:54:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 1:54:00 PM	64265
Toluene	ND	0.049		mg/Kg	1	12/3/2021 1:54:00 PM	64265
Ethylbenzene	ND	0.049		mg/Kg	1	12/3/2021 1:54:00 PM	64265
Xylenes, Total	ND	0.099		mg/Kg	1	12/3/2021 1:54:00 PM	64265
Surr: 4-Bromofluorobenzene	83.9	70-130		%Rec	1	12/3/2021 1:54:00 PM	64265

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	Value above quantitation range
	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 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-1 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 10:30:00 AM

Lab ID: 2112087-012

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/3/2021 11:58:31 PM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	12/6/2021 3:07:31 PM	64286
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/6/2021 3:07:31 PM	64286
Surr: DNOP	98.5	70-130		%Rec	1	12/6/2021 3:07:31 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/3/2021 2:14:00 PM	64265
Surr: BFB	88.3	70-130		%Rec	1	12/3/2021 2:14:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 2:14:00 PM	64265
Toluene	ND	0.048		mg/Kg	1	12/3/2021 2:14:00 PM	64265
Ethylbenzene	ND	0.048		mg/Kg	1	12/3/2021 2:14:00 PM	64265
Xylenes, Total	ND	0.096		mg/Kg	1	12/3/2021 2:14:00 PM	64265
Surr: 4-Bromofluorobenzene	84.5	70-130		%Rec	1	12/3/2021 2:14:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-2 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 10:50:00 AM

Lab ID: 2112087-013

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	59		mg/Kg	20	12/4/2021 12:35:34 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/6/2021 2:00:21 PM	64286
Motor Oil Range Organics (MRO)	64	49		mg/Kg	1	12/6/2021 2:00:21 PM	64286
Surr: DNOP	90.8	70-130		%Rec	1	12/6/2021 2:00:21 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/3/2021 2:34:00 PM	64265
Surr: BFB	91.5	70-130		%Rec	1	12/3/2021 2:34:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 2:34:00 PM	64265
Toluene	ND	0.048		mg/Kg	1	12/3/2021 2:34:00 PM	64265
Ethylbenzene	ND	0.048		mg/Kg	1	12/3/2021 2:34:00 PM	64265
Xylenes, Total	ND	0.096		mg/Kg	1	12/3/2021 2:34:00 PM	64265
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	12/3/2021 2:34:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-3 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 11:25:00 AM

Lab ID: 2112087-014

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/4/2021 12:47:54 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	12/4/2021 7:03:29 AM	64286
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	12/4/2021 7:03:29 AM	64286
Surr: DNOP	88.1	70-130		%Rec	1	12/4/2021 7:03:29 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/3/2021 2:53:00 PM	64265
Surr: BFB	95.2	70-130		%Rec	1	12/3/2021 2:53:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 2:53:00 PM	64265
Toluene	ND	0.049		mg/Kg	1	12/3/2021 2:53:00 PM	64265
Ethylbenzene	ND	0.049		mg/Kg	1	12/3/2021 2:53:00 PM	64265
Xylenes, Total	ND	0.099		mg/Kg	1	12/3/2021 2:53:00 PM	64265
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	12/3/2021 2:53:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-4 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 12:05:00 PM

Lab ID: 2112087-015

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	60		mg/Kg	20	12/4/2021 1:00:15 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/6/2021 2:21:33 PM	64286
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/6/2021 2:21:33 PM	64286
Surr: DNOP	88.8	70-130		%Rec	1	12/6/2021 2:21:33 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/3/2021 3:13:00 PM	64265
Surr: BFB	96.3	70-130		%Rec	1	12/3/2021 3:13:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 3:13:00 PM	64265
Toluene	ND	0.047		mg/Kg	1	12/3/2021 3:13:00 PM	64265
Ethylbenzene	ND	0.047		mg/Kg	1	12/3/2021 3:13:00 PM	64265
Xylenes, Total	ND	0.094		mg/Kg	1	12/3/2021 3:13:00 PM	64265
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	12/3/2021 3:13:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-5 Surface

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 1:15:00 PM

Lab ID: 2112087-016

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	60		mg/Kg	20	12/4/2021 1:12:36 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	12/6/2021 2:42:43 PM	64286
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/6/2021 2:42:43 PM	64286
Surr: DNOP	88.8	70-130		%Rec	1	12/6/2021 2:42:43 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/3/2021 3:33:00 PM	64265
Surr: BFB	98.9	70-130		%Rec	1	12/3/2021 3:33:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/3/2021 3:33:00 PM	64265
Toluene	ND	0.050		mg/Kg	1	12/3/2021 3:33:00 PM	64265
Ethylbenzene	ND	0.050		mg/Kg	1	12/3/2021 3:33:00 PM	64265
Xylenes, Total	ND	0.099		mg/Kg	1	12/3/2021 3:33:00 PM	64265
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	12/3/2021 3:33:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface 1

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 1:30:00 PM

Lab ID: 2112087-017

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/4/2021 1:24:57 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/6/2021 3:31:19 PM	64286
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/6/2021 3:31:19 PM	64286
Surr: DNOP	98.7	70-130		%Rec	1	12/6/2021 3:31:19 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/3/2021 3:52:00 PM	64265
Surr: BFB	99.1	70-130		%Rec	1	12/3/2021 3:52:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	12/3/2021 3:52:00 PM	64265
Toluene	ND	0.047		mg/Kg	1	12/3/2021 3:52:00 PM	64265
Ethylbenzene	ND	0.047		mg/Kg	1	12/3/2021 3:52:00 PM	64265
Xylenes, Total	ND	0.093		mg/Kg	1	12/3/2021 3:52:00 PM	64265
Surr: 4-Bromofluorobenzene	87.8	70-130		%Rec	1	12/3/2021 3:52:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface 2

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 1:55:00 PM

Lab ID: 2112087-018

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	60		mg/Kg	20	12/4/2021 1:37:17 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/6/2021 3:03:58 PM	64286
Motor Oil Range Organics (MRO)	52	50		mg/Kg	1	12/6/2021 3:03:58 PM	64286
Surr: DNOP	96.1	70-130		%Rec	1	12/6/2021 3:03:58 PM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/3/2021 4:12:00 PM	64265
Surr: BFB	86.3	70-130		%Rec	1	12/3/2021 4:12:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	12/3/2021 4:12:00 PM	64265
Toluene	ND	0.047		mg/Kg	1	12/3/2021 4:12:00 PM	64265
Ethylbenzene	ND	0.047		mg/Kg	1	12/3/2021 4:12:00 PM	64265
Xylenes, Total	ND	0.093		mg/Kg	1	12/3/2021 4:12:00 PM	64265
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	12/3/2021 4:12:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112087

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface 3

Project: EOG White UI 2 NE Pasture

Collection Date: 11/29/2021 2:15:00 PM

Lab ID: 2112087-019

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	12/4/2021 1:49:39 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	12/4/2021 7:56:23 AM	64286
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/4/2021 7:56:23 AM	64286
Surr: DNOP	79.9	70-130		%Rec	1	12/4/2021 7:56:23 AM	64286
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/3/2021 4:31:00 PM	64265
Surr: BFB	97.2	70-130		%Rec	1	12/3/2021 4:31:00 PM	64265
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/3/2021 4:31:00 PM	64265
Toluene	ND	0.049		mg/Kg	1	12/3/2021 4:31:00 PM	64265
Ethylbenzene	ND	0.049		mg/Kg	1	12/3/2021 4:31:00 PM	64265
Xylenes, Total	ND	0.097		mg/Kg	1	12/3/2021 4:31:00 PM	64265
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	12/3/2021 4:31:00 PM	64265

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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

WO#: 2112087

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 NE Pasture

Sample ID: MB-64308	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64308	RunNo: 84298								
Prep Date: 12/6/2021	Analysis Date: 12/3/2021	SeqNo: 2960918	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64308	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64308	RunNo: 84298								
Prep Date: 12/6/2021	Analysis Date: 12/3/2021	SeqNo: 2960919	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2112087

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 NE Pasture

Sample ID: MB-64286	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64286	RunNo: 83273								
Prep Date: 12/3/2021	Analysis Date: 12/4/2021	SeqNo: 2960702	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	8.6		10.00		85.6	70	130			

Sample ID: LCS-64286	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64286	RunNo: 84305								
Prep Date: 12/3/2021	Analysis Date: 12/6/2021	SeqNo: 2962351	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.8	68.9	135			
Surr: DNOP	4.4		5.000		87.4	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2112087

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 NE Pasture

Sample ID: lcs-64265	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64265			RunNo: 83290						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2959285		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.2	78.6	131			
Surr: BFB	1200		1000		117	70	130			

Sample ID: mb-64265	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64265			RunNo: 83290						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2959286		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	1000		1000		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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2112087

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 NE Pasture

Sample ID: Ics-64265	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64265	RunNo: 83290								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2959254 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.9	80	120			
Toluene	1.0	0.050	1.000	0	99.9	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.2	70	130			

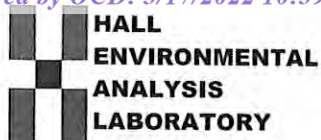
Sample ID: mb-64265	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64265	RunNo: 83290								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2959255 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.1	70	130			

Sample ID: 2112087-001ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-6 Surface	Batch ID: 64265	RunNo: 83290								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2959257 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9930	0	105	80	120			
Toluene	1.1	0.050	0.9930	0	108	80	120			
Ethylbenzene	1.1	0.050	0.9930	0	112	80	120			
Xylenes, Total	3.3	0.099	2.979	0	110	80	120			
Surr: 4-Bromofluorobenzene	0.92		0.9930		92.5	70	130			

Sample ID: 2112087-001amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-6 Surface	Batch ID: 64265	RunNo: 83290								
Prep Date: 12/2/2021	Analysis Date: 12/3/2021	SeqNo: 2959258 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9930	0	101	80	120	4.58	20	
Toluene	1.0	0.050	0.9930	0	104	80	120	3.63	20	
Ethylbenzene	1.1	0.050	0.9930	0	108	80	120	3.20	20	
Xylenes, Total	3.2	0.099	2.979	0	107	80	120	3.21	20	
Surr: 4-Bromofluorobenzene	0.93		0.9930		93.5	70	130	0	0	

Qualifiers:

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



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2112087

RcptNo: 1

Received By: Cheyenne Cason 12/2/2021 8:00:00 AM

Completed By: Sean Livingston 12/2/2021 8:24:07 AM

Reviewed By: KPA 12/02/21

Chad

Sean Livingston

Chain of Custody

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

Log In

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

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

Adjusted?

Checked by: *JL 12/2/21*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good				
2	5.7	Good				
3	0.5	Good				

EOG Resources

White UI #2
P-28-18S-26E
North Pasture Samples Points &
Excavation

Legend

- Excavation and Scraping area
- N. Pasture Horiz Extent
- N. Pasture Sample Pts

28

W Surf 1 N

E Surf 1 N

18S 26E

SP-2 N

R2 Samples

SP-1 N

R1 Samples

N Surf N

R-3

SP-4 N

W Surf 2 N

E Surf 2 N

SP-3 N

N Wall

CS-2

Google Earth

100 ft





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

December 09, 2021

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

RE: EOG White UI 2 North Pasture

OrderNo.: 2112090

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 9 sample(s) on 12/2/2021 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 horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-1 Surface

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 9:10:00 AM

Lab ID: 2112090-001

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	340	60		mg/Kg	20	12/4/2021 2:26:42 AM	64308
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	80	9.9		mg/Kg	1	12/6/2021 11:32:22 AM	64278
Motor Oil Range Organics (MRO)	250	50		mg/Kg	1	12/6/2021 11:32:22 AM	64278
Surr: DNOP	81.2	70-130		%Rec	1	12/6/2021 11:32:22 AM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/4/2021 12:19:37 AM	64272
Surr: BFB	96.6	70-130		%Rec	1	12/4/2021 12:19:37 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	12/4/2021 12:19:37 AM	64272
Toluene	ND	0.047		mg/Kg	1	12/4/2021 12:19:37 AM	64272
Ethylbenzene	ND	0.047		mg/Kg	1	12/4/2021 12:19:37 AM	64272
Xylenes, Total	ND	0.095		mg/Kg	1	12/4/2021 12:19:37 AM	64272
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	12/4/2021 12:19:37 AM	64272

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-2 Surface

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 9:30:00 AM

Lab ID: 2112090-002

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	280	60		mg/Kg	20	12/3/2021 9:47:33 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	36	9.2		mg/Kg	1	12/6/2021 1:18:18 PM	64278
Motor Oil Range Organics (MRO)	130	46		mg/Kg	1	12/6/2021 1:18:18 PM	64278
Surr: DNOP	76.4	70-130		%Rec	1	12/6/2021 1:18:18 PM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/4/2021 1:29:49 AM	64272
Surr: BFB	96.2	70-130		%Rec	1	12/4/2021 1:29:49 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	12/4/2021 1:29:49 AM	64272
Toluene	ND	0.048		mg/Kg	1	12/4/2021 1:29:49 AM	64272
Ethylbenzene	ND	0.048		mg/Kg	1	12/4/2021 1:29:49 AM	64272
Xylenes, Total	ND	0.096		mg/Kg	1	12/4/2021 1:29:49 AM	64272
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	12/4/2021 1:29:49 AM	64272

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	Value above quantitation range
	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 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-3 Surface

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 9:55:00 AM

Lab ID: 2112090-003

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	290	60		mg/Kg	20	12/3/2021 11:14:22 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	52	9.7		mg/Kg	1	12/6/2021 11:56:15 AM	64278
Motor Oil Range Organics (MRO)	210	49		mg/Kg	1	12/6/2021 11:56:15 AM	64278
Surr: DNOP	71.4	70-130		%Rec	1	12/6/2021 11:56:15 AM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/4/2021 3:49:44 AM	64272
Surr: BFB	93.9	70-130		%Rec	1	12/4/2021 3:49:44 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	12/4/2021 3:49:44 AM	64272
Toluene	ND	0.047		mg/Kg	1	12/4/2021 3:49:44 AM	64272
Ethylbenzene	ND	0.047		mg/Kg	1	12/4/2021 3:49:44 AM	64272
Xylenes, Total	ND	0.093		mg/Kg	1	12/4/2021 3:49:44 AM	64272
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	12/4/2021 3:49:44 AM	64272

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-4 Surface

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 10:20:00 AM

Lab ID: 2112090-004

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 11:26:47 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	12/3/2021 8:18:48 PM	64278
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/3/2021 8:18:48 PM	64278
Surr: DNOP	110	70-130		%Rec	1	12/3/2021 8:18:48 PM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	12/4/2021 4:13:01 AM	64272
Surr: BFB	96.8	70-130		%Rec	1	12/4/2021 4:13:01 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	12/4/2021 4:13:01 AM	64272
Toluene	ND	0.046		mg/Kg	1	12/4/2021 4:13:01 AM	64272
Ethylbenzene	ND	0.046		mg/Kg	1	12/4/2021 4:13:01 AM	64272
Xylenes, Total	ND	0.091		mg/Kg	1	12/4/2021 4:13:01 AM	64272
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	12/4/2021 4:13:01 AM	64272

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: East Surface 1

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 10:30:00 AM

Lab ID: 2112090-005

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	61		mg/Kg	20	12/3/2021 11:39:12 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/3/2021 8:29:26 PM	64278
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 8:29:26 PM	64278
Surr: DNOP	106	70-130		%Rec	1	12/3/2021 8:29:26 PM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/4/2021 4:36:18 AM	64272
Surr: BFB	96.8	70-130		%Rec	1	12/4/2021 4:36:18 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	12/4/2021 4:36:18 AM	64272
Toluene	ND	0.047		mg/Kg	1	12/4/2021 4:36:18 AM	64272
Ethylbenzene	ND	0.047		mg/Kg	1	12/4/2021 4:36:18 AM	64272
Xylenes, Total	ND	0.093		mg/Kg	1	12/4/2021 4:36:18 AM	64272
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	12/4/2021 4:36:18 AM	64272

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	Value above quantitation range
	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 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: East Surface 2

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 10:50:00 AM

Lab ID: 2112090-006

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 11:51:37 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/3/2021 8:40:02 PM	64278
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 8:40:02 PM	64278
Surr: DNOP	124	70-130		%Rec	1	12/3/2021 8:40:02 PM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/4/2021 4:59:34 AM	64272
Surr: BFB	96.2	70-130		%Rec	1	12/4/2021 4:59:34 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/4/2021 4:59:34 AM	64272
Toluene	ND	0.049		mg/Kg	1	12/4/2021 4:59:34 AM	64272
Ethylbenzene	ND	0.049		mg/Kg	1	12/4/2021 4:59:34 AM	64272
Xylenes, Total	ND	0.098		mg/Kg	1	12/4/2021 4:59:34 AM	64272
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	12/4/2021 4:59:34 AM	64272

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	Value above quantitation range
	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 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface 1

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 11:15:00 AM

Lab ID: 2112090-007

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/4/2021 12:04:02 AM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/6/2021 1:32:39 PM	64278
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/6/2021 1:32:39 PM	64278
Surr: DNOP	76.8	70-130		%Rec	1	12/6/2021 1:32:39 PM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/4/2021 5:22:49 AM	64272
Surr: BFB	95.5	70-130		%Rec	1	12/4/2021 5:22:49 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	12/4/2021 5:22:49 AM	64272
Toluene	ND	0.049		mg/Kg	1	12/4/2021 5:22:49 AM	64272
Ethylbenzene	ND	0.049		mg/Kg	1	12/4/2021 5:22:49 AM	64272
Xylenes, Total	ND	0.098		mg/Kg	1	12/4/2021 5:22:49 AM	64272
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	12/4/2021 5:22:49 AM	64272

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Surface 2

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 11:30:00 AM

Lab ID: 2112090-008

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/4/2021 12:16:26 AM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/6/2021 1:56:23 PM	64278
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/6/2021 1:56:23 PM	64278
Surr: DNOP	81.6	70-130		%Rec	1	12/6/2021 1:56:23 PM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	12/4/2021 5:46:06 AM	64272
Surr: BFB	97.4	70-130		%Rec	1	12/4/2021 5:46:06 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	12/4/2021 5:46:06 AM	64272
Toluene	ND	0.046		mg/Kg	1	12/4/2021 5:46:06 AM	64272
Ethylbenzene	ND	0.046		mg/Kg	1	12/4/2021 5:46:06 AM	64272
Xylenes, Total	ND	0.093		mg/Kg	1	12/4/2021 5:46:06 AM	64272
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	12/4/2021 5:46:06 AM	64272

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112090

Date Reported: 12/9/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Surface

Project: EOG White UI 2 North Pasture

Collection Date: 12/1/2021 11:50:00 AM

Lab ID: 2112090-009

Matrix: SOIL

Received Date: 12/2/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	59		mg/Kg	20	12/6/2021 1:47:01 PM	64298
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/6/2021 2:20:06 PM	64278
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/6/2021 2:20:06 PM	64278
Surr: DNOP	82.6	70-130		%Rec	1	12/6/2021 2:20:06 PM	64278
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/4/2021 6:09:18 AM	64272
Surr: BFB	96.7	70-130		%Rec	1	12/4/2021 6:09:18 AM	64272
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	12/4/2021 6:09:18 AM	64272
Toluene	ND	0.049		mg/Kg	1	12/4/2021 6:09:18 AM	64272
Ethylbenzene	ND	0.049		mg/Kg	1	12/4/2021 6:09:18 AM	64272
Xylenes, Total	ND	0.097		mg/Kg	1	12/4/2021 6:09:18 AM	64272
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	12/4/2021 6:09:18 AM	64272

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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

WO#: 2112090

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 North Pasture

Sample ID: MB-64308	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64308	RunNo: 84298								
Prep Date: 12/6/2021	Analysis Date: 12/3/2021	SeqNo: 2960918 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64308	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64308	RunNo: 84298								
Prep Date: 12/6/2021	Analysis Date: 12/3/2021	SeqNo: 2960919 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Sample ID: MB-64298	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64298	RunNo: 84309								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2961394 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64298	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64298	RunNo: 84309								
Prep Date: 12/3/2021	Analysis Date: 12/3/2021	SeqNo: 2961395 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2112090

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 North Pasture

Sample ID: LCS-64278	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 64278		RunNo: 83273							
Prep Date: 12/2/2021	Analysis Date: 12/3/2021		SeqNo: 2960696		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.2	68.9	135			
Surr: DNOP	5.3		5.000		106	70	130			

Sample ID: MB-64278	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 64278		RunNo: 83273							
Prep Date: 12/2/2021	Analysis Date: 12/3/2021		SeqNo: 2960701		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	11		10.00		110	70	130			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2112090

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 North Pasture

Sample ID: mb-64272	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64272			RunNo: 83290						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2959315		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	1000		1000		99.7	70	130			

Sample ID: lcs-64272	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64272			RunNo: 83290						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2960420		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	86.5	78.6	131			
Surr: BFB	1100		1000		112	70	130			

Sample ID: mb-64272	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64272			RunNo: 84291						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2960451		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	1000		1000		100	70	130			

Sample ID: lcs-64272	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64272			RunNo: 84291						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2960452		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	81.6	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Sample ID: 2112090-001ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: SP-1 Surface	Batch ID: 64272			RunNo: 84291						
Prep Date: 12/2/2021	Analysis Date: 12/4/2021			SeqNo: 2960454		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.6	22.89	0	87.1	61.3	114			
Surr: BFB	980		915.8		107	70	130			

Sample ID: 2112090-001amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: SP-1 Surface	Batch ID: 64272			RunNo: 84291						
Prep Date: 12/2/2021	Analysis Date: 12/4/2021			SeqNo: 2960455		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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112090

09-Dec-21

Client: Safety & Environmental Solutions

Project: EOG White UI 2 North Pasture

Sample ID: 2112090-001amsd		SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: SP-1 Surface		Batch ID: 64272			RunNo: 84291					
Prep Date: 12/2/2021		Analysis Date: 12/4/2021			SeqNo: 2960455		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.85	0	89.6	61.3	114	11.0	20	
Surr: BFB	1100		994.0		108	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

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

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

WO#: 2112090

09-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2 North Pasture

Sample ID: lcs-64272	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 64272			RunNo: 83290						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2959279			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.2	80	120			
Toluene	0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.8	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	70	130			

Sample ID: mb-64272	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 64272			RunNo: 83290						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2959280			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	0.93		1.000		92.7	70	130			

Sample ID: mb-64272	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 64272			RunNo: 84291						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2960503			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	0.98		1.000		98.1	70	130			

Sample ID: LCS-64272	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 64272			RunNo: 84291						
Prep Date: 12/2/2021	Analysis Date: 12/3/2021			SeqNo: 2960504			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.6	80	120			
Toluene	0.94	0.050	1.000	0	94.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.1	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.6	70	130			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2112090

09-Dec-21

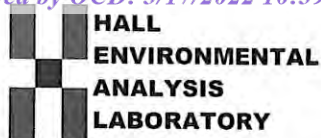
Client: Safety & Environmental Solutions**Project:** EOG White UI 2 North Pasture

Sample ID: 2112090-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-2 Surface	Batch ID: 64272	RunNo: 84291								
Prep Date: 12/2/2021	Analysis Date: 12/4/2021	SeqNo: 2960507	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.024	0.9606	0	94.7	80	120			
Toluene	0.91	0.048	0.9606	0.01407	93.2	80	120			
Ethylbenzene	0.92	0.048	0.9606	0	96.0	80	120			
Xylenes, Total	2.7	0.096	2.882	0	95.2	80	120			
Surr: 4-Bromofluorobenzene	0.93		0.9606		96.8	70	130			

Sample ID: 2112090-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-2 Surface	Batch ID: 64272	RunNo: 84291								
Prep Date: 12/2/2021	Analysis Date: 12/4/2021	SeqNo: 2960508	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.023	0.9390	0	99.9	80	120	3.07	20	
Toluene	0.94	0.047	0.9390	0.01407	98.4	80	120	3.11	20	
Ethylbenzene	0.93	0.047	0.9390	0	99.2	80	120	0.968	20	
Xylenes, Total	2.8	0.094	2.817	0	98.5	80	120	1.18	20	
Surr: 4-Bromofluorobenzene	0.91		0.9390		97.4	70	130	0	0	

Qualifiers:

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



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2112090

RcptNo: 1

Received By: Cheyenne Cason 12/2/2021 8:00:00 AM

Completed By: Sean Livingston 12/2/2021 8:35:03 AM

Reviewed By: KPA 12/02/21

Chad

Sean Livingston

Chain of Custody

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

Log In

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

of preserved bottles checked for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *SL 12/2/21*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

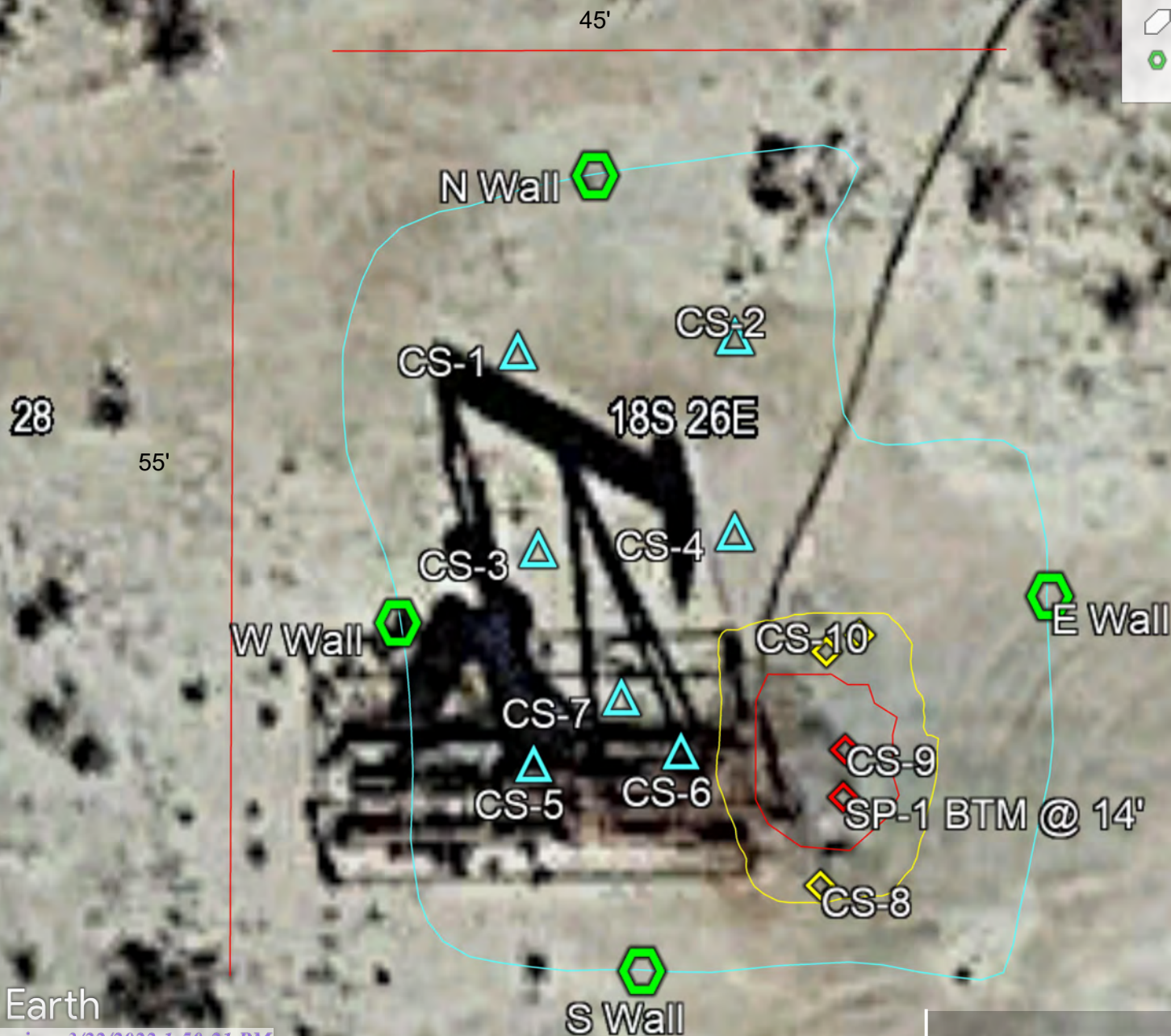
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good				
2	5.7	Good				
3	0.5	Good				

EOG Resources

White UI #2 Excavation
P-28-18S-26E
Dimensions - 2189 sqft
Approx 45' x 55', varying depths

Legend

- Conf. Samples @ 14'
- Conf. Samples @ 3'
- Conf. Samples @ 8'
- Excavation @ 14'
- Excavation @ 8'
- Horizontal Extent Samples





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

December 06, 2021

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

RE: EOG White UI 2

OrderNo.: 2111C09

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 6 sample(s) on 11/24/2021 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 light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111C09

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: North Wall

Project: EOG White UI 2

Collection Date: 11/22/2021 10:00:00 AM

Lab ID: 2111C09-001

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	380	60		mg/Kg	20	11/30/2021 9:25:19 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/30/2021 11:23:34 AM	64198
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2021 11:23:34 AM	64198
Surr: DNOP	98.6	70-130		%Rec	1	11/30/2021 11:23:34 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/2/2021 2:21:00 PM	64183
Surr: BFB	94.5	70-130		%Rec	1	12/2/2021 2:21:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/30/2021 1:18:00 PM	64183
Toluene	ND	0.050		mg/Kg	1	11/30/2021 1:18:00 PM	64183
Ethylbenzene	ND	0.050		mg/Kg	1	11/30/2021 1:18:00 PM	64183
Xylenes, Total	ND	0.10		mg/Kg	1	11/30/2021 1:18:00 PM	64183
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	11/30/2021 1:18:00 PM	64183

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	Value above quantitation range
	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 2111C09

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: West Wall

Project: EOG White UI 2

Collection Date: 11/22/2021 10:30:00 AM

Lab ID: 2111C09-002

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	400	60		mg/Kg	20	11/30/2021 9:37:43 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/30/2021 11:47:21 AM	64198
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 11:47:21 AM	64198
Surr: DNOP	99.1	70-130		%Rec	1	11/30/2021 11:47:21 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/2/2021 2:41:00 PM	64183
Surr: BFB	94.8	70-130		%Rec	1	12/2/2021 2:41:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 1:37:00 PM	64183
Toluene	ND	0.048		mg/Kg	1	11/30/2021 1:37:00 PM	64183
Ethylbenzene	ND	0.048		mg/Kg	1	11/30/2021 1:37:00 PM	64183
Xylenes, Total	ND	0.095		mg/Kg	1	11/30/2021 1:37:00 PM	64183
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	11/30/2021 1:37:00 PM	64183

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	Value above quantitation range
	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 2111C09

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: East Wall

Project: EOG White UI 2

Collection Date: 11/22/2021 11:45:00 AM

Lab ID: 2111C09-003

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	290	60		mg/Kg	20	11/30/2021 9:50:07 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/30/2021 12:11:14 PM	64198
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 12:11:14 PM	64198
Surr: DNOP	101	70-130		%Rec	1	11/30/2021 12:11:14 PM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/2/2021 3:00:00 PM	64183
Surr: BFB	92.3	70-130		%Rec	1	12/2/2021 3:00:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 1:57:00 PM	64183
Toluene	ND	0.048		mg/Kg	1	11/30/2021 1:57:00 PM	64183
Ethylbenzene	ND	0.048		mg/Kg	1	11/30/2021 1:57:00 PM	64183
Xylenes, Total	ND	0.095		mg/Kg	1	11/30/2021 1:57:00 PM	64183
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	11/30/2021 1:57:00 PM	64183

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	Value above quantitation range
	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 2111C09

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: South Wall

Project: EOG White UI 2

Collection Date: 11/22/2021 12:10:00 PM

Lab ID: 2111C09-004

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	270	60		mg/Kg	20	11/30/2021 10:02:33 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/30/2021 12:35:17 PM	64198
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 12:35:17 PM	64198
Surr: DNOP	97.1	70-130		%Rec	1	11/30/2021 12:35:17 PM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/2/2021 3:20:00 PM	64183
Surr: BFB	93.5	70-130		%Rec	1	12/2/2021 3:20:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 2:16:00 PM	64183
Toluene	ND	0.047		mg/Kg	1	11/30/2021 2:16:00 PM	64183
Ethylbenzene	ND	0.047		mg/Kg	1	11/30/2021 2:16:00 PM	64183
Xylenes, Total	ND	0.095		mg/Kg	1	11/30/2021 2:16:00 PM	64183
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	11/30/2021 2:16:00 PM	64183

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	Value above quantitation range
	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 2111C09

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-1 14Ft

Project: EOG White UI 2

Collection Date: 11/23/2021 10:15:00 AM

Lab ID: 2111C09-005

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	120	60		mg/Kg	20	11/30/2021 10:14:58 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 9:42:18 AM	64198
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/30/2021 9:42:18 AM	64198
Surr: DNOP	84.3	70-130		%Rec	1	11/30/2021 9:42:18 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/2/2021 3:39:00 PM	64183
Surr: BFB	88.7	70-130		%Rec	1	12/2/2021 3:39:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 2:36:00 PM	64183
Toluene	ND	0.047		mg/Kg	1	11/30/2021 2:36:00 PM	64183
Ethylbenzene	ND	0.047		mg/Kg	1	11/30/2021 2:36:00 PM	64183
Xylenes, Total	ND	0.095		mg/Kg	1	11/30/2021 2:36:00 PM	64183
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	11/30/2021 2:36:00 PM	64183

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	Value above quantitation range
	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 2111C09

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-2 8 Ft

Project: EOG White UI 2

Collection Date: 11/23/2021 10:55:00 AM

Lab ID: 2111C09-006

Matrix: SOIL

Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	270	60		mg/Kg	20	11/30/2021 10:27:23 AM	64205
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/30/2021 11:41:51 AM	64198
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 11:41:51 AM	64198
Surr: DNOP	144	70-130	S	%Rec	1	11/30/2021 11:41:51 AM	64198
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/2/2021 3:59:00 PM	64183
Surr: BFB	91.4	70-130		%Rec	1	12/2/2021 3:59:00 PM	64183
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/30/2021 2:55:00 PM	64183
Toluene	ND	0.048		mg/Kg	1	11/30/2021 2:55:00 PM	64183
Ethylbenzene	ND	0.048		mg/Kg	1	11/30/2021 2:55:00 PM	64183
Xylenes, Total	ND	0.097		mg/Kg	1	11/30/2021 2:55:00 PM	64183
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	11/30/2021 2:55:00 PM	64183

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	Value above quantitation range
	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#: 2111C09

06-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2

Sample ID: MB-64205	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64205	RunNo: 83169								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2955763 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64205	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64205	RunNo: 83169								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2955764 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.6	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 Value above quantitation range
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL Reporting Limit

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

WO#: 2111C09

06-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2

Sample ID: MB-64198	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64198	RunNo: 83163								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954780	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	9.8		10.00		97.7	70	130			

Sample ID: LCS-64198	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64198	RunNo: 83163								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954791	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.4	68.9	135			
Surr: DNOP	4.6		5.000		91.6	70	130			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111C09

06-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2

Sample ID: mb-64183	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64183	RunNo: 83244								
Prep Date: 11/29/2021	Analysis Date: 12/2/2021	SeqNo: 2957719 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	930		1000		93.5	70	130			

Sample ID: lcs-64183	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64183	RunNo: 83244								
Prep Date: 11/29/2021	Analysis Date: 12/2/2021	SeqNo: 2957720 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.6	78.6	131			
Surr: BFB	1000		1000		102	70	130			

Sample ID: mb-64246	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64246	RunNo: 83244								
Prep Date: 12/1/2021	Analysis Date: 12/2/2021	SeqNo: 2958009 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	950		1000		94.7	70	130			

Sample ID: lcs-64246	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64246	RunNo: 83244								
Prep Date: 12/1/2021	Analysis Date: 12/2/2021	SeqNo: 2958020 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		112	70	130			

Sample ID: mb-64162	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64162	RunNo: 83244								
Prep Date: 11/24/2021	Analysis Date: 12/2/2021	SeqNo: 2958030 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	940		1000		94.3	70	130			

Sample ID: lcs-64162	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64162	RunNo: 83244								
Prep Date: 11/24/2021	Analysis Date: 12/2/2021	SeqNo: 2958032 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111C09

06-Dec-21

Client: Safety & Environmental Solutions**Project:** EOG White UI 2

Sample ID: mb-64183	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64183	RunNo: 83160								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954595 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	0.91		1.000		91.5	70	130			

Sample ID: lcs-64183	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64183	RunNo: 83160								
Prep Date: 11/29/2021	Analysis Date: 11/30/2021	SeqNo: 2954596 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.6	80	120			
Toluene	0.95	0.050	1.000	0	95.0	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.8	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.9	70	130			

Sample ID: mb-64162	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64162	RunNo: 83160								
Prep Date: 11/24/2021	Analysis Date: 11/30/2021	SeqNo: 2955312 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	70	130			

Sample ID: lcs-64162	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64162	RunNo: 83160								
Prep Date: 11/24/2021	Analysis Date: 11/30/2021	SeqNo: 2955313 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	70	130			

Sample ID: mb-64246	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64246	RunNo: 83244								
Prep Date: 12/1/2021	Analysis Date: 12/2/2021	SeqNo: 2958021 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111C09
06-Dec-21

Client: Safety & Environmental Solutions
Project: EOG White UI 2

Sample ID: lcs-64246		SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS		Batch ID: 64246		RunNo: 83244							
Prep Date: 12/1/2021		Analysis Date: 12/2/2021		SeqNo: 2958022		Units: %Rec					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene		0.94		1.000		94.0	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

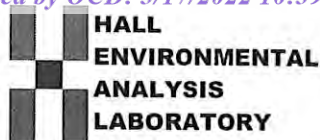
E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2111C09

RcptNo: 1

Received By: Cheyenne Cason 11/24/2021 7:43:00 AM

Completed By: Isaiah Ortiz 11/24/2021 8:37:34 AM

Reviewed By: JR 11/24/21

Chad

IOX

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: *ene 11/24/21*

Special Handling (if applicable)

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

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.9	Good	Not Present			
2	3.1	Good	Not Present			



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

March 11, 2022

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

RE: EOG White UI 2

OrderNo.: 2203350

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 11 sample(s) on 3/5/2022 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 horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #1, 3'

Project: EOG White UI 2

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

Lab ID: 2203350-001

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	3/10/2022 5:19:01 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/9/2022 12:04:59 AM	65997
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 12:04:59 AM	65997
Surr: DNOP	60.7	51.1-141		%Rec	1	3/9/2022 12:04:59 AM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 8:09:56 PM	65974
Surr: BFB	116	70-130		%Rec	1	3/8/2022 8:09:56 PM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/8/2022 8:09:56 PM	65974
Toluene	ND	0.049		mg/Kg	1	3/8/2022 8:09:56 PM	65974
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 8:09:56 PM	65974
Xylenes, Total	ND	0.097		mg/Kg	1	3/8/2022 8:09:56 PM	65974
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	3/8/2022 8:09:56 PM	65974

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		

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Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #2, 3'

Project: EOG White UI 2

Collection Date: 3/3/2022 9:40:00 AM

Lab ID: 2203350-002

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	3/10/2022 5:56:04 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/9/2022 12:15:47 AM	65997
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/9/2022 12:15:47 AM	65997
Surr: DNOP	54.8	51.1-141		%Rec	1	3/9/2022 12:15:47 AM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/8/2022 9:20:40 PM	65974
Surr: BFB	114	70-130		%Rec	1	3/8/2022 9:20:40 PM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/8/2022 9:20:40 PM	65974
Toluene	ND	0.050		mg/Kg	1	3/8/2022 9:20:40 PM	65974
Ethylbenzene	ND	0.050		mg/Kg	1	3/8/2022 9:20:40 PM	65974
Xylenes, Total	ND	0.099		mg/Kg	1	3/8/2022 9:20:40 PM	65974
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/8/2022 9:20:40 PM	65974

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		

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Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #3, 3'

Project: EOG White UI 2

Collection Date: 3/3/2022 9:50:00 AM

Lab ID: 2203350-003

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	410	60		mg/Kg	20	3/10/2022 6:08:24 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	19	9.3		mg/Kg	1	3/9/2022 12:26:34 AM	65997
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/9/2022 12:26:34 AM	65997
Surr: DNOP	61.0	51.1-141		%Rec	1	3/9/2022 12:26:34 AM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/8/2022 10:31:00 PM	65974
Surr: BFB	111	70-130		%Rec	1	3/8/2022 10:31:00 PM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/8/2022 10:31:00 PM	65974
Toluene	ND	0.050		mg/Kg	1	3/8/2022 10:31:00 PM	65974
Ethylbenzene	ND	0.050		mg/Kg	1	3/8/2022 10:31:00 PM	65974
Xylenes, Total	ND	0.10		mg/Kg	1	3/8/2022 10:31:00 PM	65974
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	3/8/2022 10:31:00 PM	65974

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		

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Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #4, 3'

Project: EOG White UI 2

Collection Date: 3/3/2022 9:52:00 AM

Lab ID: 2203350-004

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	3/10/2022 6:20:45 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/9/2022 12:37:19 AM	65997
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 12:37:19 AM	65997
Surr: DNOP	61.3	51.1-141		%Rec	1	3/9/2022 12:37:19 AM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/8/2022 10:54:27 PM	65974
Surr: BFB	115	70-130		%Rec	1	3/8/2022 10:54:27 PM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/8/2022 10:54:27 PM	65974
Toluene	ND	0.050		mg/Kg	1	3/8/2022 10:54:27 PM	65974
Ethylbenzene	ND	0.050		mg/Kg	1	3/8/2022 10:54:27 PM	65974
Xylenes, Total	ND	0.10		mg/Kg	1	3/8/2022 10:54:27 PM	65974
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	3/8/2022 10:54:27 PM	65974

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 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #5, 3'

Project: EOG White UI 2

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

Lab ID: 2203350-005

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	250	60		mg/Kg	20	3/10/2022 6:33:05 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/9/2022 8:23:28 PM	65997
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/9/2022 8:23:28 PM	65997
Surr: DNOP	91.8	51.1-141		%Rec	1	3/9/2022 8:23:28 PM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 11:17:51 PM	65974
Surr: BFB	112	70-130		%Rec	1	3/8/2022 11:17:51 PM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/8/2022 11:17:51 PM	65974
Toluene	ND	0.049		mg/Kg	1	3/8/2022 11:17:51 PM	65974
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 11:17:51 PM	65974
Xylenes, Total	ND	0.099		mg/Kg	1	3/8/2022 11:17:51 PM	65974
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/8/2022 11:17:51 PM	65974

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		

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Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #6, 3'

Project: EOG White UI 2

Collection Date: 3/3/2022 10:20:00 AM

Lab ID: 2203350-006

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	3/10/2022 6:45:26 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/9/2022 8:47:32 PM	65997
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/9/2022 8:47:32 PM	65997
Surr: DNOP	82.2	51.1-141		%Rec	1	3/9/2022 8:47:32 PM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 11:41:09 PM	65974
Surr: BFB	112	70-130		%Rec	1	3/8/2022 11:41:09 PM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/8/2022 11:41:09 PM	65974
Toluene	ND	0.049		mg/Kg	1	3/8/2022 11:41:09 PM	65974
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 11:41:09 PM	65974
Xylenes, Total	ND	0.097		mg/Kg	1	3/8/2022 11:41:09 PM	65974
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	3/8/2022 11:41:09 PM	65974

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 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #7A, 2'

Project: EOG White UI 2

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

Lab ID: 2203350-007

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2400	60		mg/Kg	20	3/10/2022 6:57:46 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/9/2022 1:09:33 AM	65997
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 1:09:33 AM	65997
Surr: DNOP	59.4	51.1-141		%Rec	1	3/9/2022 1:09:33 AM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 12:04:25 AM	65974
Surr: BFB	113	70-130		%Rec	1	3/9/2022 12:04:25 AM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/9/2022 12:04:25 AM	65974
Toluene	ND	0.049		mg/Kg	1	3/9/2022 12:04:25 AM	65974
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 12:04:25 AM	65974
Xylenes, Total	ND	0.097		mg/Kg	1	3/9/2022 12:04:25 AM	65974
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	3/9/2022 12:04:25 AM	65974

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		

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Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #7B, 3'

Project: EOG White UI 2

Collection Date: 3/3/2022 10:35:00 AM

Lab ID: 2203350-008

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	320	60		mg/Kg	20	3/10/2022 7:10:07 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/10/2022 2:23:32 AM	65997
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/10/2022 2:23:32 AM	65997
Surr: DNOP	84.2	51.1-141		%Rec	1	3/10/2022 2:23:32 AM	65997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 12:27:42 AM	65974
Surr: BFB	112	70-130		%Rec	1	3/9/2022 12:27:42 AM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/9/2022 12:27:42 AM	65974
Toluene	ND	0.049		mg/Kg	1	3/9/2022 12:27:42 AM	65974
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 12:27:42 AM	65974
Xylenes, Total	ND	0.097		mg/Kg	1	3/9/2022 12:27:42 AM	65974
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	3/9/2022 12:27:42 AM	65974

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		

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Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #8, 8'

Project: EOG White UI 2

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

Lab ID: 2203350-009

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	120	60		mg/Kg	20	3/10/2022 7:22:27 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/9/2022 9:11:34 PM	66002
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/9/2022 9:11:34 PM	66002
Surr: DNOP	94.0	51.1-141		%Rec	1	3/9/2022 9:11:34 PM	66002
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 12:51:00 AM	65974
Surr: BFB	111	70-130		%Rec	1	3/9/2022 12:51:00 AM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 12:51:00 AM	65974
Toluene	ND	0.050		mg/Kg	1	3/9/2022 12:51:00 AM	65974
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 12:51:00 AM	65974
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 12:51:00 AM	65974
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	3/9/2022 12:51:00 AM	65974

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 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS #9, 14'

Project: EOG White UI 2

Collection Date: 3/3/2022 12:45:00 PM

Lab ID: 2203350-010

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	3/10/2022 7:34:47 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/9/2022 1:51:55 AM	66002
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 1:51:55 AM	66002
Surr: DNOP	65.7	51.1-141		%Rec	1	3/9/2022 1:51:55 AM	66002
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/9/2022 2:23:55 AM	65974
Surr: BFB	108	70-130		%Rec	1	3/9/2022 2:23:55 AM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/9/2022 2:23:55 AM	65974
Toluene	ND	0.048		mg/Kg	1	3/9/2022 2:23:55 AM	65974
Ethylbenzene	ND	0.048		mg/Kg	1	3/9/2022 2:23:55 AM	65974
Xylenes, Total	ND	0.097		mg/Kg	1	3/9/2022 2:23:55 AM	65974
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	3/9/2022 2:23:55 AM	65974

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		

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Analytical Report

Lab Order 2203350

Date Reported: 3/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: CS # 10, 8'

Project: EOG White UI 2

Collection Date: 3/3/2022 1:45:00 PM

Lab ID: 2203350-011

Matrix: SOIL

Received Date: 3/5/2022 8:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	62	60		mg/Kg	20	3/10/2022 7:47:07 AM	66072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	13	9.5		mg/Kg	1	3/9/2022 9:35:36 PM	66002
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 9:35:36 PM	66002
Surr: DNOP	77.4	51.1-141		%Rec	1	3/9/2022 9:35:36 PM	66002
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 2:47:07 AM	65974
Surr: BFB	107	70-130		%Rec	1	3/9/2022 2:47:07 AM	65974
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/9/2022 2:47:07 AM	65974
Toluene	ND	0.050		mg/Kg	1	3/9/2022 2:47:07 AM	65974
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 2:47:07 AM	65974
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 2:47:07 AM	65974
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	3/9/2022 2:47:07 AM	65974

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#: 2203350

11-Mar-22

Client: Safety & Environmental Solutions

Project: EOG White UI 2

Sample ID: MB-66072	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 66072	RunNo: 86381
Prep Date: 3/9/2022	Analysis Date: 3/10/2022	SeqNo: 3046822 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-66072	SampType: lcs	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 66072	RunNo: 86381
Prep Date: 3/9/2022	Analysis Date: 3/10/2022	SeqNo: 3046823 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

Qualifiers:

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

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

WO#: 2203350

11-Mar-22

Client: Safety & Environmental Solutions**Project:** EOG White UI 2

Sample ID: 2203350-009AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: CS #8, 8'	Batch ID: 66002	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/9/2022	SeqNo: 3045177 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	9.3	46.73	9.485	86.9	36.1	154			
Surr: DNOP	1.5		4.673		32.5	51.1	141			S

Sample ID: 2203350-009AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: CS #8, 8'	Batch ID: 66002	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/9/2022	SeqNo: 3045178 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	9.9	49.50	9.485	104	36.1	154	19.9	33.9	
Surr: DNOP	1.8		4.950		35.4	51.1	141	0	0	S

Sample ID: LCS-65997	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 65997	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3045215 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	88.2	68.9	135			
Surr: DNOP	4.6		5.000		92.2	51.1	141			

Sample ID: LCS-66002	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66002	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3045218 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.1	68.9	135			
Surr: DNOP	4.9		5.000		97.3	51.1	141			

Sample ID: MB-65997	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 65997	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3045221 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		100	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#: 2203350

11-Mar-22

Client: Safety & Environmental Solutions

Project: EOG White UI 2

Sample ID: MB-66002	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66002	RunNo: 86343								
Prep Date: 3/7/2022	Analysis Date: 3/8/2022	SeqNo: 3045226	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		100	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#: 2203350

11-Mar-22

Client: Safety & Environmental Solutions**Project:** EOG White UI 2

Sample ID: mb-65974	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/9/2022	SeqNo: 3044123			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	1100		1000		108	70	130			

Sample ID: lcs-65974	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/8/2022	SeqNo: 3044124			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	100	78.6	131			
Surr: BFB	1300		1000		127	70	130			

Sample ID: 2203350-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: CS #1, 3'	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/8/2022	SeqNo: 3044182			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	24.95	0	95.8	70	130			
Surr: BFB	1300		998.0		129	70	130			

Sample ID: 2203350-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: CS #1, 3'	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/8/2022	SeqNo: 3044183			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.7	23.70	0	98.2	70	130	2.60	20	
Surr: BFB	1200		947.9		131	70	130	0	0	S

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#: 2203350

11-Mar-22

Client: Safety & Environmental Solutions**Project:** EOG White UI 2

Sample ID: mb-65974	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/9/2022	SeqNo: 3044163 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		101	70	130			

Sample ID: LCS-65974	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/8/2022	SeqNo: 3044164 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	89.1	80	120			
Toluene	0.93	0.050	1.000	0	93.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.7	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: 2203350-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: CS #2, 3'	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/8/2022	SeqNo: 3044167 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	0.9843	0	87.7	68.8	120			
Toluene	0.94	0.049	0.9843	0.01436	94.4	73.6	124			
Ethylbenzene	0.96	0.049	0.9843	0	97.2	72.7	129			
Xylenes, Total	2.9	0.098	2.953	0	97.6	75.7	126			
Surr: 4-Bromofluorobenzene	1.1		0.9843		108	70	130			

Sample ID: 2203350-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: CS #2, 3'	Batch ID: 65974	RunNo: 86306								
Prep Date: 3/5/2022	Analysis Date: 3/8/2022	SeqNo: 3044168 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9785	0	89.3	68.8	120	1.21	20	
Toluene	0.94	0.049	0.9785	0.01436	94.3	73.6	124	0.745	20	
Ethylbenzene	0.96	0.049	0.9785	0	97.7	72.7	129	0.117	20	
Xylenes, Total	2.9	0.098	2.935	0	98.2	75.7	126	0.0277	20	
Surr: 4-Bromofluorobenzene	1.1		0.9785		109	70	130	0	0	

Qualifiers:

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



Sample Log-In Check List

Client Name: **Safety & Environmental Solutions**

Work Order Number: **2203350**

RcptNo: 1

Received By: **Cheyenne Cason** 3/5/2022 8:55:00 AM

Completed By: **Cheyenne Cason** 3/5/2022 9:21:29 AM

Reviewed By: *Che* 3/5/22

Che

Che

Chain of Custody

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

Log In

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

of preserved bottles checked for pH:

(≤ 2 or >12 unless noted)

Adjusted?

Checked by: *KPG 3/5/22*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

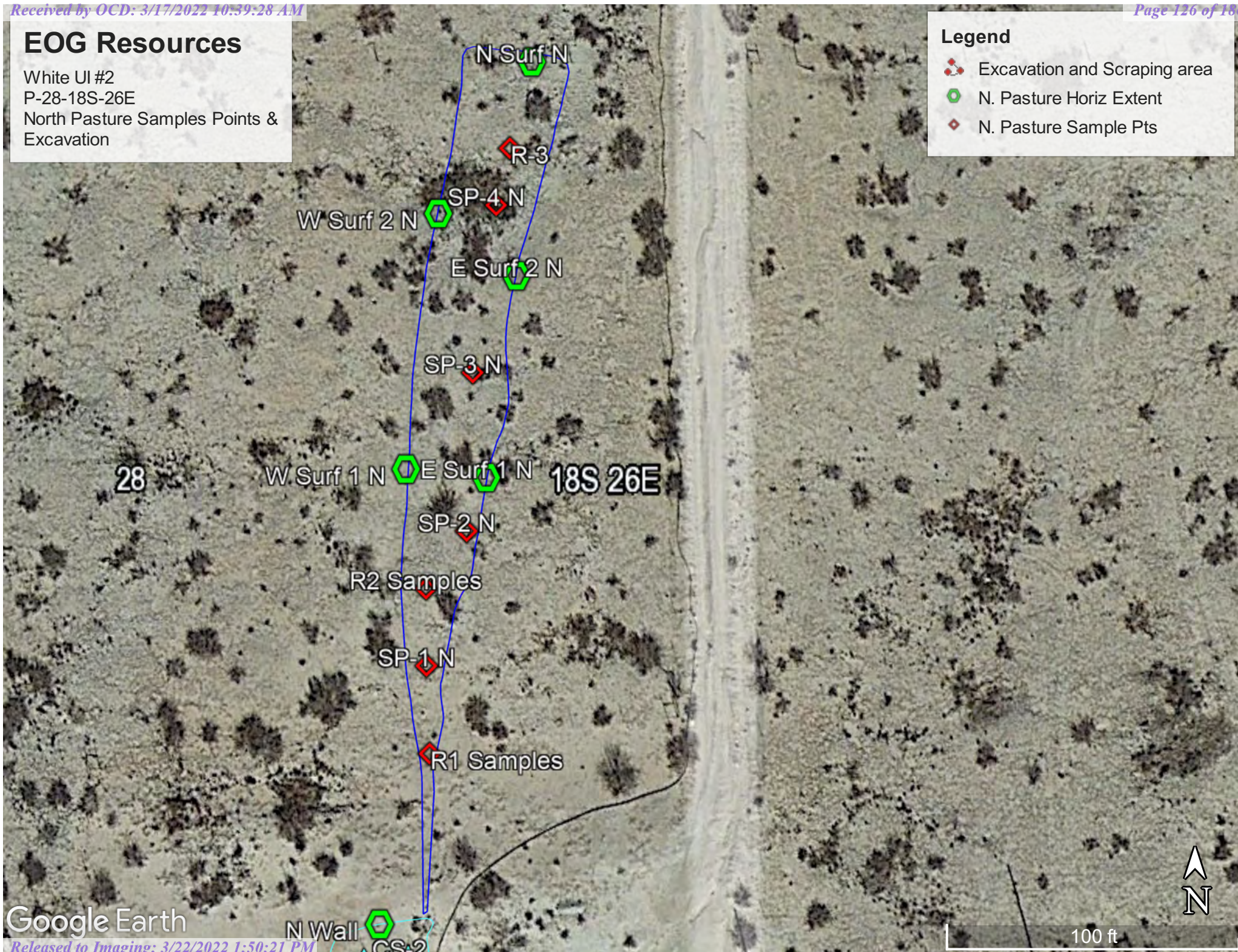
Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Not Present			
2	0.7	Good	Not Present			
3	4.0	Good	Not Present			

EOG Resources

White UI #2
P-28-18S-26E
North Pasture Samples Points &
Excavation

Legend

- Excavation and Scraping area
- N. Pasture Horiz Extent
- N. Pasture Sample Pts





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

November 29, 2021

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

RE: White Spill

OrderNo.: 2111A03

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/19/2021 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 light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111A03

Date Reported: 11/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: B-1 15'

Project: White Spill

Collection Date: 11/17/2021 10:15:00 AM

Lab ID: 2111A03-001

Matrix: MEOH (SOIL)

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	4100	150		mg/Kg	50	11/23/2021 12:17:13 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	210	8.8		mg/Kg	1	11/19/2021 3:46:46 PM	64043
Motor Oil Range Organics (MRO)	140	44		mg/Kg	1	11/19/2021 3:46:46 PM	64043
Surr: DNOP	97.4	70-130		%Rec	1	11/19/2021 3:46:46 PM	64043
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	11/22/2021 9:28:10 AM	G83018
Surr: BFB	119	70-130		%Rec	1	11/22/2021 9:28:10 AM	G83018
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.017		mg/Kg	1	11/22/2021 9:28:10 AM	B83018
Toluene	ND	0.033		mg/Kg	1	11/22/2021 9:28:10 AM	B83018
Ethylbenzene	ND	0.033		mg/Kg	1	11/22/2021 9:28:10 AM	B83018
Xylenes, Total	ND	0.066		mg/Kg	1	11/22/2021 9:28:10 AM	B83018
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	11/22/2021 9:28:10 AM	B83018

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 1 of 6

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A03

29-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: MB-64071	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64071	RunNo: 83012								
Prep Date: 11/20/2021	Analysis Date: 11/21/2021	SeqNo: 2947964	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64071	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64071	RunNo: 83012								
Prep Date: 11/20/2021	Analysis Date: 11/21/2021	SeqNo: 2947965	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.5	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 2 of 6

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

WO#: 2111A03

29-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: MB-64043	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64043	RunNo: 82976								
Prep Date: 11/19/2021	Analysis Date: 11/19/2021	SeqNo: 2946526			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	8.7		10.00		86.9	70	130			

Sample ID: LCS-64043	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64043	RunNo: 82976								
Prep Date: 11/19/2021	Analysis Date: 11/19/2021	SeqNo: 2946527			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.1	68.9	135			
Surr: DNOP	4.2		5.000		84.4	70	130			

Sample ID: MB-64024	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64024	RunNo: 82976								
Prep Date: 11/18/2021	Analysis Date: 11/19/2021	SeqNo: 2948754			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.9		10.00		89.0	70	130			

Sample ID: LCS-64024	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64024	RunNo: 82976								
Prep Date: 11/18/2021	Analysis Date: 11/19/2021	SeqNo: 2948757			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		93.2	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111A03

29-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: mb-II	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: C82982			RunNo: 82982						
Prep Date:	Analysis Date: 11/19/2021			SeqNo: 2947670		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		101	70	130			

Sample ID: 2.5ug gro lcs-II	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: C82982			RunNo: 82982						
Prep Date:	Analysis Date: 11/19/2021			SeqNo: 2947671		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		115	70	130			

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: G83018			RunNo: 83018						
Prep Date:	Analysis Date: 11/22/2021			SeqNo: 2949198		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	970		1000		97.1	70	130			

Sample ID: 2.5ug gro lcs	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: G83018			RunNo: 83018						
Prep Date:	Analysis Date: 11/22/2021			SeqNo: 2949221		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.8	78.6	131			
Surr: BFB	1100		1000		107	70	130			

Sample ID: mb-64057	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64057			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949226		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		99.9	70	130			

Sample ID: lcs-64057	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64057			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949229		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		113	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111A03

29-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: mb-II	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: F82982			RunNo: 82982						
Prep Date:	Analysis Date: 11/19/2021			SeqNo: 2947713		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: 100ng btex lcs-II	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: F82982			RunNo: 82982						
Prep Date:	Analysis Date: 11/19/2021			SeqNo: 2947714		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: B83018			RunNo: 83018						
Prep Date:	Analysis Date: 11/22/2021			SeqNo: 2949314		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		95.7	70	130			

Sample ID: 100ng btex lcs	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: B83018			RunNo: 83018						
Prep Date:	Analysis Date: 11/22/2021			SeqNo: 2949315		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	80	120			
Toluene	0.95	0.050	1.000	0	95.2	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.9	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.1	70	130			

Sample ID: mb-64057	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 64057			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949317		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
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#: 2111A03

29-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

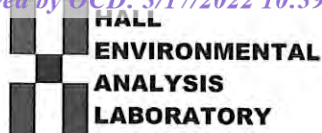
Sample ID: LCS-64057	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 64057			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949318		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 6 of 6



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2111A03

RcptNo: 1

Received By: Cheyenne Cason 11/19/2021 8:00:00 AM

Completed By: Sean Livingston 11/19/2021 8:48:20 AM

Reviewed By: JO 11/19/21

Chad
Sean Livingston

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: *cu* 11/19/21

Special Handling (if applicable)

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

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

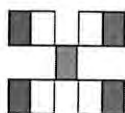
16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good				

[illegible]

If necessary, samples submitted to Halcyon 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.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

email or Fax#:		QA/QC Package:		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)	
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC		Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC		Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC	
<input type="checkbox"/> EDD (Type)		<input type="checkbox"/> EDD (Type)		<input type="checkbox"/> EDD (Type)	
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type
11-17-21	1015	Soil	B-1 White 15'	1 Glass	Ice
Cooler Temp (including CF): 1.9 - 0 = 1.9 (°C)		HEAL No.		2111A03	
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Project Manager: Bob Allen		Sampler: Roberto Martinez Jr.	
# of Coolers: 1		TPH: 8015D (GRO / DRO / MRO)		BTX / MTBE / TMBs (8024)	
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)		X Chlorides	

Remarks:

marks: Bill 606 Resolving And Chase
50.71%

11/18/90 *[Signature]* *Chae Carter* 11/19/90 *Chae*

EOG Resources

White UI #2
P-28-18S-26E
North Pasture Samples Points &
Excavation

Legend

- Excavation and Scraping area
- N. Pasture Horiz Extent
- N. Pasture Sample Pts

28

W Surf 1 N

E Surf 1 N

18S 26E

SP-2 N

R2 Samples

SP-1 N

R1 Samples

N Surf N

R-3

SP-4 N

W Surf 2 N

E Surf 2 N

SP-3 N

N Wall
CS-2

Google Earth

Released to Imaging: 3/22/2022 1:50:21 PM



100 ft



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

November 30, 2021

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

RE: White Spill

OrderNo.: 2111A05

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 7 sample(s) on 11/19/2021 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 horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111A05

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-1 Surface

Project: White Spill

Collection Date: 11/17/2021 9:30:00 AM

Lab ID: 2111A05-001

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1800	60		mg/Kg	20	11/22/2021 10:38:34 AM	64089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	900	90		mg/Kg	10	11/22/2021 11:03:31 AM	64080
Motor Oil Range Organics (MRO)	680	450		mg/Kg	10	11/22/2021 11:03:31 AM	64080
Surr: DNOP	0	70-130	S	%Rec	10	11/22/2021 11:03:31 AM	64080
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	11/22/2021 10:38:18 AM	64057
Surr: BFB	94.8	70-130		%Rec	5	11/22/2021 10:38:18 AM	64057
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/22/2021 10:38:18 AM	64057
Toluene	ND	0.25		mg/Kg	5	11/22/2021 10:38:18 AM	64057
Ethylbenzene	ND	0.25		mg/Kg	5	11/22/2021 10:38:18 AM	64057
Xylenes, Total	ND	0.50		mg/Kg	5	11/22/2021 10:38:18 AM	64057
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	5	11/22/2021 10:38:18 AM	64057

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A05

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-1 1ft

Project: White Spill

Collection Date: 11/17/2021 9:45:00 AM

Lab ID: 2111A05-002

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1600	60		mg/Kg	20	11/22/2021 10:50:56 AM	64089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/22/2021 11:15:12 AM	64080
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/22/2021 11:15:12 AM	64080
Surr: DNOP	90.1	70-130		%Rec	1	11/22/2021 11:15:12 AM	64080
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/22/2021 11:25:19 AM	64057
Surr: BFB	95.5	70-130		%Rec	1	11/22/2021 11:25:19 AM	64057
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/22/2021 11:25:19 AM	64057
Toluene	ND	0.046		mg/Kg	1	11/22/2021 11:25:19 AM	64057
Ethylbenzene	ND	0.046		mg/Kg	1	11/22/2021 11:25:19 AM	64057
Xylenes, Total	ND	0.093		mg/Kg	1	11/22/2021 11:25:19 AM	64057
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	11/22/2021 11:25:19 AM	64057

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A05

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-1 2ft

Project: White Spill

Collection Date: 11/17/2021 10:15:00 AM

Lab ID: 2111A05-003

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1700	60		mg/Kg	20	11/22/2021 11:03:17 AM	64089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/22/2021 11:27:02 AM	64080
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/22/2021 11:27:02 AM	64080
Surr: DNOP	89.2	70-130		%Rec	1	11/22/2021 11:27:02 AM	64080
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/22/2021 11:48:56 AM	64057
Surr: BFB	100	70-130		%Rec	1	11/22/2021 11:48:56 AM	64057
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/22/2021 11:48:56 AM	64057
Toluene	ND	0.049		mg/Kg	1	11/22/2021 11:48:56 AM	64057
Ethylbenzene	ND	0.049		mg/Kg	1	11/22/2021 11:48:56 AM	64057
Xylenes, Total	ND	0.098		mg/Kg	1	11/22/2021 11:48:56 AM	64057
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/22/2021 11:48:56 AM	64057

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A05

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-1 3ft

Project: White Spill

Collection Date: 11/17/2021 10:35:00 AM

Lab ID: 2111A05-004

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	780	60		mg/Kg	20	11/22/2021 11:15:38 AM	64089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/22/2021 11:38:55 AM	64080
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/22/2021 11:38:55 AM	64080
Surr: DNOP	88.2	70-130		%Rec	1	11/22/2021 11:38:55 AM	64080
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/22/2021 12:12:29 PM	64057
Surr: BFB	98.5	70-130		%Rec	1	11/22/2021 12:12:29 PM	64057
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/22/2021 12:12:29 PM	64057
Toluene	ND	0.047		mg/Kg	1	11/22/2021 12:12:29 PM	64057
Ethylbenzene	ND	0.047		mg/Kg	1	11/22/2021 12:12:29 PM	64057
Xylenes, Total	ND	0.095		mg/Kg	1	11/22/2021 12:12:29 PM	64057
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	11/22/2021 12:12:29 PM	64057

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A05

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-1 4ft

Project: White Spill

Collection Date: 11/17/2021 11:30:00 AM

Lab ID: 2111A05-005

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	480	60		mg/Kg	20	11/22/2021 11:27:59 AM	64089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/22/2021 11:50:58 AM	64080
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/22/2021 11:50:58 AM	64080
Surr: DNOP	85.4	70-130		%Rec	1	11/22/2021 11:50:58 AM	64080
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/22/2021 12:36:04 PM	64057
Surr: BFB	99.0	70-130		%Rec	1	11/22/2021 12:36:04 PM	64057
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/22/2021 12:36:04 PM	64057
Toluene	ND	0.047		mg/Kg	1	11/22/2021 12:36:04 PM	64057
Ethylbenzene	ND	0.047		mg/Kg	1	11/22/2021 12:36:04 PM	64057
Xylenes, Total	ND	0.095		mg/Kg	1	11/22/2021 12:36:04 PM	64057
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	11/22/2021 12:36:04 PM	64057

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A05

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-2 Surface

Project: White Spill

Collection Date: 11/17/2021 1:45:00 PM

Lab ID: 2111A05-006

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	800	60		mg/Kg	20	11/22/2021 11:40:20 AM	64089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	10000	970		mg/Kg	100	11/24/2021 9:56:47 AM	64080
Motor Oil Range Organics (MRO)	8600	4800		mg/Kg	100	11/24/2021 9:56:47 AM	64080
Surr: DNOP	0	70-130	S	%Rec	100	11/24/2021 9:56:47 AM	64080
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	11/22/2021 12:59:39 PM	64057
Surr: BFB	90.8	70-130		%Rec	5	11/22/2021 12:59:39 PM	64057
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/22/2021 12:59:39 PM	64057
Toluene	ND	0.25		mg/Kg	5	11/22/2021 12:59:39 PM	64057
Ethylbenzene	ND	0.25		mg/Kg	5	11/22/2021 12:59:39 PM	64057
Xylenes, Total	ND	0.49		mg/Kg	5	11/22/2021 12:59:39 PM	64057
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	5	11/22/2021 12:59:39 PM	64057

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A05

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-2 1ft

Project: White Spill

Collection Date: 11/17/2021 2:15:00 PM

Lab ID: 2111A05-007

Matrix: SOIL

Received Date: 11/19/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1100	60		mg/Kg	20	11/22/2021 11:52:41 AM	64089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	230	10		mg/Kg	1	11/22/2021 12:40:25 PM	64083
Motor Oil Range Organics (MRO)	110	50		mg/Kg	1	11/22/2021 12:40:25 PM	64083
Surr: DNOP	82.1	70-130		%Rec	1	11/22/2021 12:40:25 PM	64083
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	11/22/2021 11:01:49 AM	64057
Surr: BFB	96.8	70-130		%Rec	5	11/22/2021 11:01:49 AM	64057
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/22/2021 11:01:49 AM	64057
Toluene	ND	0.23		mg/Kg	5	11/22/2021 11:01:49 AM	64057
Ethylbenzene	ND	0.23		mg/Kg	5	11/22/2021 11:01:49 AM	64057
Xylenes, Total	ND	0.47		mg/Kg	5	11/22/2021 11:01:49 AM	64057
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	5	11/22/2021 11:01:49 AM	64057

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A05

30-Nov-21

Client: Safety & Environmental Solutions

Project: White Spill

Sample ID: MB-64089		SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 64089		RunNo: 83024						
Prep Date: 11/22/2021		Analysis Date: 11/22/2021		SeqNo: 2949890			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64089		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 64089		RunNo: 83024						
Prep Date: 11/22/2021		Analysis Date: 11/22/2021		SeqNo: 2949891			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	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 Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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

WO#: 2111A05

30-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: MB-64080	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 64080		RunNo: 83031							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2948817		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	9.4		10.00		93.6	70	130			

Sample ID: LCS-64083	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 64083		RunNo: 83031							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2948818		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	88.5	68.9	135			
Surr: DNOP	4.6		5.000		91.6	70	130			

Sample ID: LCS-64080	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 64080		RunNo: 83031							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2948819		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.1	68.9	135			
Surr: DNOP	4.6		5.000		92.2	70	130			

Sample ID: MB-64083	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 64083		RunNo: 83097							
Prep Date: 11/22/2021	Analysis Date: 11/24/2021		SeqNo: 2952063		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	11		10.00		111	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111A05

30-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: mb-64057	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64057	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949226	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	1000		1000		99.9	70	130			

Sample ID: lcs-64057	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64057	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949229	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.0	78.6	131			
Surr: BFB	1100		1000		113	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111A05

30-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: mb-64057	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64057	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949317	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		100	70	130			

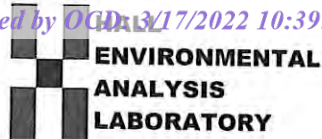
Sample ID: LCS-64057	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64057	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949318	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.7	80	120			
Toluene	0.93	0.050	1.000	0	93.3	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.0	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.2	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2111A05

RcptNo: 1

Received By: Cheyenne Cason 11/19/2021 8:00:00 AM

Completed By: Sean Livingston 11/19/2021 8:58:16 AM

Reviewed By: TMC 11/19/21 9:28

Chain of Custody

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

Log In

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

of preserved bottles checked for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: CLW 11/19/21Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good				

Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 703 E Clinton Hobbs, NM 88240

Phone #: (575) 397-0510

email or Fax#: _____

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

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type) _____

Turn-Around Time: ☐ Standard ☒ Rush 48 hrs

Project Name: White Spill

Project #: EOG-21-003

Project Manager: Bob Allen

Sampler: Roberto Martinez Jr.

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.9 - 0 = 1.9 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
11-17	0930	Soil	R-1 Surface	1 glass	Ice	2111 AOS 001
11-17	0945		R-1 1ft			002
11-17	1015		R-1 2ft			003
11-17	1035		R-1 3ft			004
11-17	1130		R-1 4ft			005
11-17	1345		R-2 Surface			006
11-17	1415	Soil	R-2 1ft	1 glass	Ice	007

Date: 11-17-21 Time: 1800 Relinquished by: Roberto Martinez Jr.

Date: 11/18/21 Time: 1300 Relinquished by: Bob Allen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Remarks:

Bill EOG Resources ATTN Chase Settle



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

November 30, 2021

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

RE: White Spill

OrderNo.: 2111A59

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 5 sample(s) on 11/20/2021 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 horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111A59

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: B-1-18FT

Project: White Spill

Collection Date: 11/18/2021 10:15:00 AM

Lab ID: 2111A59-001

Matrix: SOIL

Received Date: 11/20/2021 10:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1200	60		mg/Kg	20	11/21/2021 5:11:51 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/22/2021 9:43:52 PM	64106
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/22/2021 9:43:52 PM	64106
Surr: DNOP	97.3	70-130		%Rec	1	11/22/2021 9:43:52 PM	64106
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/20/2021 4:07:00 PM	R83010
Surr: BFB	98.2	70-130		%Rec	1	11/20/2021 4:07:00 PM	R83010
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	11/20/2021 4:07:00 PM	R83010
Toluene	ND	0.039		mg/Kg	1	11/20/2021 4:07:00 PM	R83010
Ethylbenzene	ND	0.039		mg/Kg	1	11/20/2021 4:07:00 PM	R83010
Xylenes, Total	ND	0.078		mg/Kg	1	11/20/2021 4:07:00 PM	R83010
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	11/20/2021 4:07:00 PM	R83010

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A59

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: B-1-20FT

Project: White Spill

Collection Date: 11/18/2021 10:30:00 AM

Lab ID: 2111A59-002

Matrix: SOIL

Received Date: 11/20/2021 10:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	900	61		mg/Kg	20	11/21/2021 5:24:12 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/22/2021 10:56:30 PM	64106
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/22/2021 10:56:30 PM	64106
Surr: DNOP	96.4	70-130		%Rec	1	11/22/2021 10:56:30 PM	64106
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	2.5		mg/Kg	1	11/20/2021 4:26:00 PM	R83010
Surr: BFB	97.6	70-130		%Rec	1	11/20/2021 4:26:00 PM	R83010
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.012		mg/Kg	1	11/20/2021 4:26:00 PM	R83010
Toluene	ND	0.025		mg/Kg	1	11/20/2021 4:26:00 PM	R83010
Ethylbenzene	ND	0.025		mg/Kg	1	11/20/2021 4:26:00 PM	R83010
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2021 4:26:00 PM	R83010
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	11/20/2021 4:26:00 PM	R83010

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A59

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: B-1-22FT

Project: White Spill

Collection Date: 11/18/2021 11:00:00 AM

Lab ID: 2111A59-003

Matrix: SOIL

Received Date: 11/20/2021 10:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2000	60		mg/Kg	20	11/21/2021 5:36:32 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/22/2021 11:20:34 PM	64106
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/22/2021 11:20:34 PM	64106
Surr: DNOP	90.4	70-130		%Rec	1	11/22/2021 11:20:34 PM	64106
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	11/20/2021 4:46:00 PM	R83010
Surr: BFB	97.8	70-130		%Rec	1	11/20/2021 4:46:00 PM	R83010
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.021		mg/Kg	1	11/20/2021 4:46:00 PM	R83010
Toluene	ND	0.042		mg/Kg	1	11/20/2021 4:46:00 PM	R83010
Ethylbenzene	ND	0.042		mg/Kg	1	11/20/2021 4:46:00 PM	R83010
Xylenes, Total	ND	0.083		mg/Kg	1	11/20/2021 4:46:00 PM	R83010
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	11/20/2021 4:46:00 PM	R83010

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A59

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: B-1-24FT

Project: White Spill

Collection Date: 11/18/2021 11:30:00 AM

Lab ID: 2111A59-004

Matrix: SOIL

Received Date: 11/20/2021 10:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	400	60		mg/Kg	20	11/21/2021 5:48:54 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/22/2021 11:44:46 PM	64106
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/22/2021 11:44:46 PM	64106
Surr: DNOP	90.3	70-130		%Rec	1	11/22/2021 11:44:46 PM	64106
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	11/20/2021 5:05:00 PM	R83010
Surr: BFB	96.6	70-130		%Rec	1	11/20/2021 5:05:00 PM	R83010
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.018		mg/Kg	1	11/20/2021 5:05:00 PM	R83010
Toluene	ND	0.035		mg/Kg	1	11/20/2021 5:05:00 PM	R83010
Ethylbenzene	ND	0.035		mg/Kg	1	11/20/2021 5:05:00 PM	R83010
Xylenes, Total	ND	0.070		mg/Kg	1	11/20/2021 5:05:00 PM	R83010
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	11/20/2021 5:05:00 PM	R83010

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2111A59

Date Reported: 11/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: R-3-Surface

Project: White Spill

Collection Date: 11/18/2021 1:45:00 PM

Lab ID: 2111A59-005

Matrix: SOIL

Received Date: 11/20/2021 10:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	1600	60		mg/Kg	20	11/21/2021 6:01:15 AM	64071
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	46	9.7		mg/Kg	1	11/23/2021 11:09:23 AM	64106
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/23/2021 11:09:23 AM	64106
Surr: DNOP	83.6	70-130		%Rec	1	11/23/2021 11:09:23 AM	64106
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	11/20/2021 6:24:00 PM	R83010
Surr: BFB	97.6	70-130		%Rec	1	11/20/2021 6:24:00 PM	R83010
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/20/2021 6:24:00 PM	R83010
Toluene	ND	0.045		mg/Kg	1	11/20/2021 6:24:00 PM	R83010
Ethylbenzene	ND	0.045		mg/Kg	1	11/20/2021 6:24:00 PM	R83010
Xylenes, Total	ND	0.090		mg/Kg	1	11/20/2021 6:24:00 PM	R83010
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	11/20/2021 6:24:00 PM	R83010

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A59

30-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: MB-64071	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64071	RunNo: 83012								
Prep Date: 11/20/2021	Analysis Date: 11/21/2021	SeqNo: 2947964	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64071	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64071	RunNo: 83012								
Prep Date: 11/20/2021	Analysis Date: 11/21/2021	SeqNo: 2947965	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.5	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 6 of 10

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

WO#: 2111A59

30-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: MB-64080	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 64080		RunNo: 83031							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2948817		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.4		10.00		93.6	70	130			

Sample ID: LCS-64083	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 64083		RunNo: 83031							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2948818		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		91.6	70	130			

Sample ID: LCS-64080	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 64080		RunNo: 83031							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2948819		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		92.2	70	130			

Sample ID: 2111A59-001AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: B-1-18FT	Batch ID: 64106		RunNo: 83036							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2950324		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.6	48.03	0	94.6	39.3	155			
Surr: DNOP	4.3		4.803		89.3	70	130			

Sample ID: 2111A59-001AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: B-1-18FT	Batch ID: 64106		RunNo: 83036							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2950325		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	9.4	46.99	0	88.8	39.3	155	8.46	23.4	
Surr: DNOP	4.1		4.699		87.9	70	130	0	0	

Sample ID: LCS-64106	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 64106		RunNo: 83036							
Prep Date: 11/22/2021	Analysis Date: 11/22/2021		SeqNo: 2950330		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	87.5	68.9	135			
Surr: DNOP	3.9		5.000		77.4	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111A59

30-Nov-21

Client: Safety & Environmental Solutions

Project: White Spill

Sample ID: MB-64106	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64106	RunNo: 83036								
Prep Date: 11/22/2021	Analysis Date: 11/22/2021	SeqNo: 2950331	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	8.6		10.00		86.2	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

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

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

WO#: 2111A59

30-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: mb	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: R83010				RunNo: 83010					
Prep Date:	Analysis Date: 11/20/2021				SeqNo: 2947858	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		98.3	70	130			

Sample ID: 2.5ug GRO lcs	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: R83010				RunNo: 83010					
Prep Date:	Analysis Date: 11/20/2021				SeqNo: 2947859	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.3	78.6	131			
Surr: BFB	1100		1000		113	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 Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2111A59

30-Nov-21

Client: Safety & Environmental Solutions**Project:** White Spill

Sample ID: mb	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: R83010				RunNo: 83010					
Prep Date:	Analysis Date: 11/20/2021				SeqNo: 2947873	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	0.93		1.000		92.7	70	130			

Sample ID: 100ng BTEX lcs	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: R83010				RunNo: 83010					
Prep Date:	Analysis Date: 11/20/2021				SeqNo: 2947874	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.3	80	120			
Toluene	0.91	0.050	1.000	0	91.4	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.2	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.2	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.7	70	130			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E Value above quantitation range
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: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2111A59

RcptNo: 1

Received By: Juan Rojas

11/20/2021 10:35:00 AM

Juan Rojas

Completed By: Juan Rojas

11/20/2021 11:16:02 AM

Juan Rojas

Reviewed By: *GR* 11/20/2021

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *GR 11/20/21*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good				



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 01, 2022

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: WHITE IU #2

Enclosed are the results of analyses for samples received by the laboratory on 01/31/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 01/31/2022
 Reported: 02/01/2022
 Project Name: WHITE IU #2
 Project Number: EOG - 21 -003
 Project Location: EOG - EDDY CO NM

Sampling Date: 01/31/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: R - 2 6 " (H220364-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	1.98	99.0	2.00	8.49	
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73	
Total BTX	<0.300	0.300	02/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/01/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2022	ND	197	98.5	200	7.48	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	234	117	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 67.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.9 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 01/31/2022
 Reported: 02/01/2022
 Project Name: WHITE IU #2
 Project Number: EOG - 21 -003
 Project Location: EOG - EDDY CO NM

Sampling Date: 01/31/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: R - 3 6 " (H220364-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/01/2022	ND	1.98	99.0	2.00	8.49		
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45		
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73		
Total BTEx	<0.300	0.300	02/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/01/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2022	ND	197	98.5	200	7.48	
DRO >C10-C28*	23.6	10.0	02/01/2022	ND	234	117	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 01/31/2022
 Reported: 02/01/2022
 Project Name: WHITE IU #2
 Project Number: EOG - 21 -003
 Project Location: EOG - EDDY CO NM

Sampling Date: 01/31/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 1 SURFACE (H220364-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/01/2022	ND	1.98	99.0	2.00	8.49		
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45		
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73		
Total BTEx	<0.300	0.300	02/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/01/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2022	ND	197	98.5	200	7.48	
DRO >C10-C28*	17.5	10.0	02/01/2022	ND	234	117	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 01/31/2022
 Reported: 02/01/2022
 Project Name: WHITE IU #2
 Project Number: EOG - 21 -003
 Project Location: EOG - EDDY CO NM

Sampling Date: 01/31/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 2 SURFACE (H220364-04)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/01/2022	ND	1.98	99.0	2.00	8.49		
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45		
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73		
Total BTEx	<0.300	0.300	02/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/01/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2022	ND	197	98.5	200	7.48	
DRO >C10-C28*	12.4	10.0	02/01/2022	ND	234	117	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 01/31/2022
 Reported: 02/01/2022
 Project Name: WHITE IU #2
 Project Number: EOG - 21 -003
 Project Location: EOG - EDDY CO NM

Sampling Date: 01/31/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP - 3 SURFACE (H220364-05)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	1.98	99.0	2.00	8.49	
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73	
Total BTEx	<0.300	0.300	02/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/01/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2022	ND	197	98.5	200	7.48	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	234	117	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: SEESI Project Manager: Allen, Bob Address: 703 E. Clinton City: Hobbs State: NM zip: 88240 Phone #: 575-393-2326 Fax #: Project #: EOG-21-003 Project Owner: EOG Project Name: WHITE IR #2 Resources Project Location: EDDY COUNTY Sampler Name: Don Gray		BILL TO P.O. #: Company: Attn: Address: City: State: zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. H2D364		Sample I.D.		FOR LAB USE ONLY	
1 R-2 6" well 2 R-3 6" well 3 SP-1 Surface 4 SP-2 Surface 5 SP-3 Surface		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING	
DATE 01/31		TIME 0930 0950 1010 1035 1100		BTX TPH Chloride	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By: Date: 01/31/22 Time: 1800 Received By: Janette Delabeyre Date: _____ Time: _____		REMARKS: B111 EOG AVRES, R	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 3.9 Corrected Temp. °C 3.4		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: (Initials) YB	
Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C <input type="checkbox"/>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		Thermometer ID #113 Correction Factor -0.5°C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

EOG Resources – White UI #2

Initial Site photos, Excavation & Remediation



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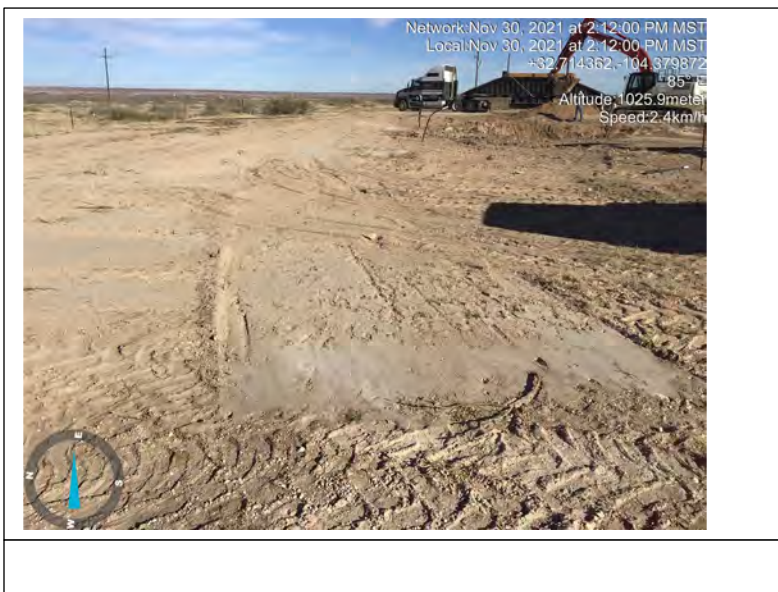
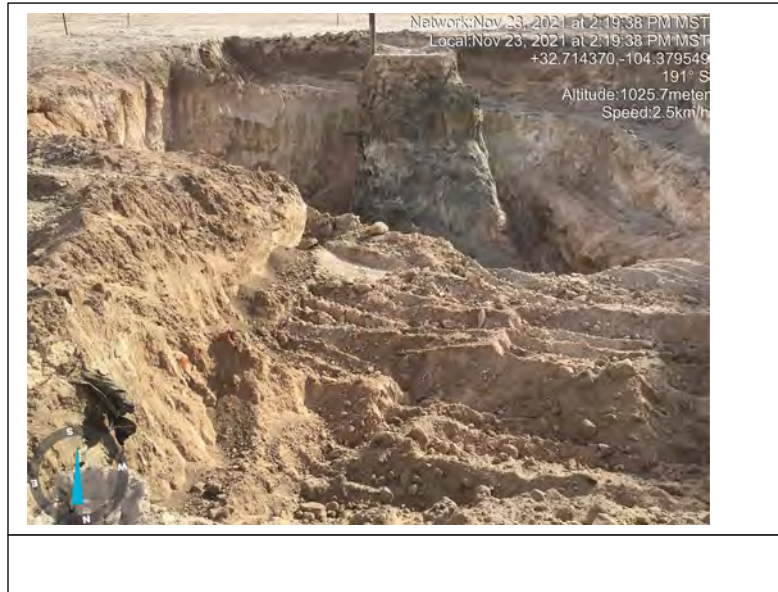
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 91036

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 91036
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Very confusing and unorganized report.	3/22/2022