

## **REMEDIATION PLAN UPDATE**

## EASTERN OFF-PAD AND SOUTHERN ON-PAD AREAS

ROY SWD #3 (NAPP2111046250) UNIT P, SECTION 7, TOWNSHIP 19S, RANGE 25E EDDY COUNTY, NEW MEXICO 32.67059, -104.51773 RANGER REFERENCE NO. 5375

**PREPARED FOR:** 

EOG RESOURCES, INC. ARTESIA DIVISION 105 S 4TH STREET ARTESIA, NEW MEXICO 88210

PREPARED BY:

RANGER ENVIRONMENTAL SERVICES, LLC P.O. BOX 201179 AUSTIN, TEXAS 78720

JULY 20, 2022

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### SITE UPDATE REPORT ROY SWD #3 (NAPP2111046250) UNIT P, SECTION 7, TOWNSHIP 19S, RANGE 25E EDDY COUNTY, NEW MEXICO 32.67059, -104.51773 RANGER REFERENCE NO. 5375

### 1.0 SITE LOCATION AND BACKGROUND

The Roy SWD #3 (site) is located on private land, approximately 13.6 miles southwest of Artesia, within Eddy County, New Mexico. The facility is situated in Unit N, Section 16, T20S-R24E at GPS coordinates 32.67059, -104.51773. The site, operated by EOG Resources, Inc. (EOG), consists of a salt water disposal well, a tank battery with an earthen containment berm, pump houses and associated equipment. Additionally, an earthen berm surrounds the extent of the facility pad footprint. Historically, operations at the site were conducted within the full extent of the facility pad, however a reduction of operations at the site left the southern approximate half of the facility pad unused. Prior to the reporting of the incident detailed below, reclamation efforts to decommission the southern portion of the pad were completed. In April and May of 2022, plugging and abandonment of the on-site disposal well was completed. Additionally, the on-site tank battery and associated equipment has been taken out-of-service, decommissioned, and removed from the Site.

On April 16, 2021, an area of concern located to the east of the battery was reported to EOG by the private landowner, Howell Ranch. The area was noted to be east of the facility pad boundary and within an EOG line right-of-way. The area of concern was reported to the New Mexico Oil Conservation Division (NMOCD) on April 19, 2021 (NMOCD Incident # nAPP2111046250).

EOG subsequently engaged Ranger Environmental Services, Inc. (Ranger) to assist in the assessment and remediation efforts at the Site. Ranger personnel completed various site assessment activities to assess and document conditions at the Site. A *Site Characterization and Proposed Remediation Plan*, dated October 12, 2021 ("Remediation Plan"), was prepared and submitted to the NMOCD for review. The plan included full details of the completed site assessment activities and proposed a remediation strategy to address the subject area of concern. Due to the extent of the remedial activities, the plan requested 120 days to allow for sufficient time to complete remedial efforts at the Site. On April 21, 2022, the NMOCD approved the plan with conditions of approval that included work being completed in 90 days.

Due to activities related to the plugging and abandonment of the on-site disposal well and the limited access to the Site, the start of remediation operations was delayed until May 10, 2022. Additionally, throughout the remediation process, various weather and waste disposal related delays occurred which resulted in a prolonged remediation timetable.

This *Remediation Plan Update* has been prepared to provide an update regarding the remedial activities completed to date, an outline of the activities pending completion, and to respectfully request an additional 60 days to complete the remedial activities at the Site.

STATE OF TEXAS PROFESSIONAL GEOSCIENTIST FIRM NO. 50140 • STATE OF TEXAS PROFESSIONAL ENGINEERING FIRM NO. F-6160

P.O. BOX 201179 AUSTIN, TX 78720 OFFICE: 512/335-1785 FAX: 512/335-0527

### 2.0 SITE REMEDIATION UPDATE

### 2.1 **Project Timeline and Delays**

Upon NMOCD approval of the *Remediation Plan*, activities were immediately scheduled to implement the plan. However, due to ongoing activities at the site related to the plugging and abandonment (P&A) of the on-site disposal well and the decommissioning of the on-site tank battery, site access was limited which resulted in a delay to the start of the site remedial activities. The site remedial activities were not able to be initiated until May 10, 2022 following the completion of the P&A and decommissioning operations.

During the site remediation process, various inclement weather events occurred which caused additional project delays. Rain events in the vicinity of the Site and the disposal facility resulted in facility shut downs and limited site access. Additional project delays also occurred due to atypical heavy congestion at the disposal facility. The long waits at the disposal facility significantly increased the turnaround time for the disposal haul trucks which in turn limited the number of loads of excavated materials that could be hauled off site in a given day. Due to the increased time frame to dispose of each load of soil, the material being staged on-site began to accumulate thus limiting the continuation of remedial efforts to the west. The site remedial efforts had to be occasionally paused to allow the accumulated excavated materials to be removed for off-site disposal.

### 2.2 <u>Historic Drill Pit Boundary Determination</u>

As detailed in the *Remediation Plan*, during the performance of the site assessment activities a subsurface plastic liner was encountered that overlies a closed drill cuttings pit in the southern on-pad area. On May 10, 2022, Ranger personnel and representatives for EOG completed additional test excavations to further delineate the pit boundaries. A total of 46 test excavations were completed to delineate the boundaries of the plastic liner associated with the historic pit location.

During the test excavation installation process, visual inspections for the presence of the plastic liner material were conducted. As detailed in the approved plan, the test excavations were completed for the explicit purpose of identifying the presence of the plastic liner material, thus no field readings or samples for laboratory analysis were collected during the process. The attached *Updated Site Area Map* depicts the completed test excavation locations and illustrates the approximate boundary of the former pit location.

During the pit boundary delineation activities, an area located immediately south of the pit boundary was noted to have elevated soil chloride concentrations. The cause of the soil impacts in this area is currently unknown, additional assessment and delineation of the area is currently ongoing. Based on the observed conditions, this area will be remediated in accordance with the methodologies outlined in the approved *Remediation Plan*. Full details of the assessment and remediation of this area will be included in the site closure report.



### 2.3 <u>Vertical Delineation Assessment</u>

The vertical delineation of soil impacts within the subject remediation area at the Site has been conducted in two manners. As proposed in the *Remediation Plan*, cleanup confirmation soil samples collected from the remediation area have provided the primary source of vertical impact delineation. Details of the cleanup confirmation sampling activities are included in Section 2.4 of this report. Additional vertical delineation activities have also been completed via the approved vertical delineation test excavations. As detailed in the *Remediation Plan*, two on-pad and two off-pad locations exhibiting "worst-case" soil impacts were investigated at the Site in June 2022.

During the test hole excavation process, Ranger personnel field screened the generated soils using an organic vapor monitor (OVM) and a field chloride titration kit to assist in evaluating the soil conditions and/or levels of impacts, and to determine the apparent vertical extent of the soil impacts at these locations. To confirm that the test excavations had adequately delineated the extent of the soil impacts, soil samples were collected for laboratory analysis from the test excavations.

Upon collection, the soil samples were submitted to Hall Environmental Laboratory Inc. (Hall Laboratory) in Albuquerque, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and total chloride using EPA Method 300. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the laboratory analytical results for the samples collected from the vertical test excavations, the elevated soil concentrations were documented to have been successfully delineated to concentrations within the applicable NMAC 19.15.29.12 Table 1 Criteria.

The attached *Vertical Delineation Sample Location Map* illustrates the locations of the four vertical assessment test excavations. The soil sample analytical results are summarized in the attached *"Vertical Assessment Soil Sample BTEX, TPH & Chloride (EPA 300) Analytical Data"* table. Copies of the laboratory analytical reports are also attached.

### 2.4 Soil Excavation and Confirmation Sampling Update

On May 10, 2022, following completion of the P&A and decommissioning activities at the Site, the soil removal operations in the eastern off-pad area were initiated. The soil removal operations were initially completed to a maximum depth of approximately six feet below ground surface (bgs) and to boundaries anticipated to have chemical of concern (COC) concentrations within the applicable NMAC 19.15.29.12 Table 1 Criteria. The excavation activities were initiated within the southeastern extent of the remediation area and were completed moving in a northwestern direction towards the facility boundary and former pit location. To date, approximately 9,000 cubic yards of material have been removed from the Site and transported to disposal at the Lea Land disposal facility in Lea County New Mexico.

During the excavation process, Ranger personnel collected field readings utilizing an OVM and field chloride titration kit to assist in guiding the excavation to appropriate boundaries and depths. Cleanup confirmation soil samples were also collected from the excavated areas in accordance with the approved methods and frequencies as detailed in the approved *Remediation Plan*. All samples collected for laboratory analysis were submitted to Hall Laboratory in Albuquerque, New Mexico for analysis of TPH, BTEX, and total chloride using the aforementioned laboratory



methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon receipt of the laboratory analytical reports for the collected cleanup confirmation soil samples, multiple locations were noted to contain COC concentrations remaining in exceedance of the applicable Table 1 Criteria. To address these areas of remaining elevated soil concentrations, additional over-excavation activities were conducted. Additional horizontal overexcavation and cleanup confirmation sampling activities were conducted to address areas noted to have remaining elevated COC concentrations in the excavation sidewalls. To address areas of remaining elevated COC concentrations in the excavation base, limited soil removal operations were completed in select locations beyond six feet bgs.

Due to the above-discussed project delays which have affected the remediation schedule, several locations within the excavation base still remain in exceedance the applicable Table 1 Criteria. Additional assessment activities are currently being conducted to assist in the vertical delineation of the impacts at each of the sample locations exhibiting COC concentrations in exceedance of the target Table 1 Criteria. Upon completing these vertical delineation activities, Ranger will evaluate the data to determine if over-excavation operations to depths of greater than six feet are practical in these areas. Details of the additional assessment activities are included in Section 3.1 of this report.

A Confirmation Sample Location Map depicting the current extent of the excavated area and confirmation sample locations is attached. The soil sample analytical results are summarized in the attached "Confirmation Soil Sample BTEX, TPH & Chloride Analytical Data" table. Copies of the laboratory analytical reports are also attached.

### 3.0 ADDITIONAL SITE REMEDIATION ACTIVITIES

Based upon the above, the following additional operations are currently scheduled to be completed as soon as safely possible.

### 3.1 Additional Excavation Area Assessment and Potential Additional Removal

As previously stated, various locations within the excavation base remain in exceedance of the applicable Table 1 Criteria. In order to further assess these locations and determine if additional removal is viable, test excavations will be completed in each sample area containing COC concentrations that remain in exceedance of the target Table 1 Criteria. This vertical test excavation data will be used to help determine if these locations can be further over-excavated without adversely affecting the stability or integrity of the former pit.

The additional assessment activities are currently ongoing, and upon completion each test excavation location will be individually evaluated. Over-excavation activities will be conducted at the locations deemed appropriate for additional removal.

### 3.2 <u>Pit Area Preparation and Liner Installation</u>

Due to the location of the subject remediation area in such close proximity to the historic drill pit, the removal of the affected soils overlying the plastic pit liner and the preparation of the former pit area for the liner has not been completed. During the remediation process, the former pit location



has been utilized as a staging area for the excavated materials designated for off-site disposal. Additionally, the removal of the affected soils overlying the plastic pit liner needs to be completed just prior to the installation of the geosynthetic clay liner (GCL) in order to limit the exposure of the former pit to the elements.

The removal of the affected soils overlying the plastic pit liner and the preparation of the pit area for the approved installation of the GCL liner will be conducted upon completion of the additional vertical assessment and over-excavation activities detailed in Section 3.1.

#### 3.3 nAPP2123047534 Impact/Remediation Area

During the performance of the remedial efforts associated with the subject release incident, removal operations in the northern/northwestern remediation area came into contact with the impact/proposed remediation area associated with the August 16, 2021 (nAPP2123047534) release incident. As anticipated, sample locations in the immediate vicinity of the adjacent impact/proposed remediation area were noted to have elevated soil COC concentrations. The August 16, 2021 (nAPP2123047534) release incident is currently pending NMOCD review of the Ranger-prepared *Proposed Remediation Plan* dated March 11, 2022. Prior to beginning excavation into the adjacent release incident area, NMOCD response and approval is desired.

### 4.0 ANTICIPATED TIMELINE

Based on the unanticipated project delays and the remaining site assessment and remedial activities which need to be completed, EOG anticipates an additional 60 days will be required for project completion. The remaining assessment, soil removal and liner installation activities are expected to be completed within 45 days. An additional 15 days will be required for the preparation of the site closure report.

Upon completion of the remaining site remedial efforts, a Closure Form C-141 and full Closure Report will be submitted to the NMOCD, and Site closure will be requested. The Closure Report will be completed in accordance with the closure reporting criteria detailed in NMAC 19.15.29.12(E).



# **FORM C-141**

Received by OCD: 7/20/2022 4:39:14 PM Form C-141 State of New Mexico

Oil Conservation Division

Incident ID	nAPP2111046250
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

<u>Remediation Plan Checklist</u>: 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)

<b>Deferral Requests Only:</b> Each of the following items must be conj	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around prodeconstruction.	oduction equipment where remediation could cause a major facility
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 rules and regulations all operators are required to report and/or file co- which may endanger public health or the environment. The acceptar liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local la	e to the best of my knowledge and understand that pursuant to OCD ertain release notifications and perform corrective actions for releases nee of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, cceptance of a C-141 report does not relieve the operator of two and/or regulations.
Printed Name: Chase Settle	Title: Rep Safety and Environmental Sr
Signature: <u>Chase Settle</u>	Date: 07/20/2022
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved
Signature:	Date:

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# FIGURES

Topographic Map Area Map Updated Site Area Map Vertical Delineation Sample Location Map Confirmation Sample Location Map Received by OCD: 7/20/2022 4:39:14 PM

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# TABLES

# Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

Vertical Assessment Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

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		CONFIRMAT	ION SOIL SA	MPLE BTEX	(EPA 8260), R	TPH (EPA 80 OY SWD #3	15) & CHLO	RIDE (EPA 30	00) ANALYTIC	CAL DATA			
					EDDY COU	JNTY, NEW N	IEXICO						
	1			All valu	ies presenter	d in parts per	million (mg	/Kg)			[	трн	
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	(GRO+DRO+ MRO)	CHLORIDE
Excavation Base Soil Samples	I					r		1					
EX-1	5/25/2022	8'	<0.024	<0.049	< 0.049	<0.098	<0.10	<4.9	<9.5	<47	<9.5	<47	660
EX-2	5/25/2022	8'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.5	<48	<9.5	<48	750
EX-3	5/25/2022	8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.5	<47	<9.5	<47	590
EX-4 EX-5	5/16/2022	4	<0.025	<0.049	<0.049	<0.030	<0.10	<4.9	<9.7	<49	<9.7	<40	550
EX-6	5/25/2022	8'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.6	<48	<9.6	<48	540
EX-7	5/25/2022	8'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.8	<49	<9.8	<49	590
EX-8	5/16/2022	4'	<0.024	<0.049	< 0.049	<0.098	<0.10	<4.9	<9.7	<49	<9.7	<49	210
EX-9	5/25/2022	8'	<0.024	< 0.049	<0.049	<0.097	<0.10	<4.9	<15	<49	<15	<49	520
EX-10	5/25/2022	8'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	520
EX-11	5/25/2022	8'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.6	<48	<9.6	<48	530
EX-12	6/3/2022	6'	<del>&lt;0.025</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.099</del>	<del>&lt;0.10</del>	<del>&lt;5.0</del>	<14	<del>&lt;</del> 48	<14	<del>&lt;</del> 48	<del>670</del>
EX-12A EX-13	6/7/2022	6.5'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<47	<14	<47	520
EX-13A	6/7/2022	6.5'	<0.024	<0.049	< 0.049	<0.098	<0.10	<4.9	<14	<47	<14	<47	510
EX-14	6/3/2022	6'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<47	<14	<47	450
EX-15	6/3/2022	6'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<49	<15	<49	550
EX-16	6/3/2022	6'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	510
EX-17 EX-18	6/3/2022	6'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<47	<14	<47	540 460
EX-19	6/6/2022	6.5'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<46	<14	<46	360
EX-20	6/6/2022	8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<47	<14	<47	560
EX-21	6/3/2022	6'	<0.025	<0.049	<del>&lt;0.049</del>	<0.098	<0.10	<del>&lt;4.9</del>	<14	<del>&lt;</del> 47	<14	<del>&lt;</del> 47	<del>780</del>
EX-21A	6/7/2022	7	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	600
EX-22 EX-23	6/3/2022	6'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<46	<14	<46	410
EX-23A	6/7/2022	6.5'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<14	<47	<14	<47	380
EX-24	6/3/2022	6'	<0.023	<0.046	<0.046	< 0.093	<0.09	<4.6	<15	<50	<15	<50	280
EX-25	6/3/2022	6'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<14	<47	<14	<47	450
EX-26	6/6/2022	8'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	410
EX-27 EX-28	6/6/2022	6.5 8'	<0.024	<0.047	<0.047	<0.094 <0.097	<0.09	<4.7	<14 <14	<46	<14 <del>&lt;14</del>	<46	450 860
EX-28A	6/20/2022	9'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<48	<14	<48	720
EX-29	6/3/2022	6'	<0.024	<0.048	<0.048	< 0.095	<0.10	<4.8	<14	<46	<14	<46	290
EX-30	6/3/2022	6'	<0.025	<0.049	<0.049	< 0.099	<0.10	<4.9	<15	<50	<15	<50	360
EX-31	6/6/2022	6.5'	<0.025	<0.050	<0.050	< 0.099	<0.10	<5.0	<15	<51	<15	<51	190
EX-32 EX-33	6/7/2022	6'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<13	<44	<13	<44	200 830
EX-34	6/7/2022	6'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	710
EX-35	6/7/2022	6'	< 0.023	<0.047	<0.047	< 0.094	<0.09	<4.7	<15	<49	<15	<49	760
EX-36	6/7/2022	6'	<0.024	<0.049	< 0.049	< 0.097	<0.10	<4.9	<14	<48	<14	<48	390
EX-37 EX-38	6/7/2022	6'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<15	<49	<15	<49	670
EX-30	6/7/2022	6'	<0.023	<0.030	<0.030	<0.035	<0.10	<4.8	<13	<44	<14	<44	2.000
EX-44	6/7/2022	6'	<0.025	<0.049	< 0.049	< 0.099	<0.10	<4.9	<15	<49	<15	<49	1,100
EX-45	6/7/2022	6'	< 0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<48	<14	<48	660
Excavation Side Wall Soil Samples	E /05 /0000	0' 0'	-0.004	0.010	0.010	.0.007			. c :		<i>c</i> ·		700
EW-1	5/25/2022	0'-8'	<0.024	<0.049	<0.049	<0.007	<0.00	<4.9 -4.0	<del>&lt;9.1</del>	<del>&lt;46</del>	<del>&lt;9.1</del>	<del>&lt;46</del>	<del>120</del> 400
EW-1A	6/9/2022 5/16/2022	0' 9'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<15	<49	<15	<49	460
EW-3	5/25/2022	0'-8'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9 <5.0	<3.5 < <u>0.4</u>	<40 <47	< 3.5 <u>&lt; 9.4</u>	<40 <47	240 <u>840</u>
EW-34	6/9/2022	0'-8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<46	<14	<46	470
EW-4	5/25/2022	0'-8'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<8.2	<41	<8.2	<41	550
EW-5	5/25/2022	0'-8'	<del>&lt;0.02</del> 4	<0.047	<del>&lt;0.047</del>	<0.094	<0.09	<del>&lt;4.7</del>	<14	<del>&lt;</del> 47	<14	<del>&lt;</del> 47	700
EW-5A	6/9/2022	0'-8'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<47	<14	<47	470
EW-6	5/25/2022	0'-8'	<del>&lt;0.025</del>	<del>&lt;0.049</del>	<del>&lt;0.049</del>	<del>&lt;0.099</del>	<0.10	<del>&lt;4.9</del>	<del>&lt;9.7</del>	<del>&lt;</del> 48	<del>&lt;9.7</del>	<del>&lt;</del> 48	<del>750</del>
EW-6A	6/9/2022	0'-8'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<46	<14	<46	470
EW-7	6/20/2022	4'-8'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	360
EW-8	6/7/2022	4'-8'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<14	<47	<14	<47	360
EW-9	6/3/2022	0'-6'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	340
EW-11	6/3/2022	0'-6'	<0.024	<0.048	<0.048	< 0.096	<0.10	<4.8	<15	<49	<15	<49	290
EW-12	6/3/2022	0'-6'	<0.024	<0.048	<0.048	< 0.096	<0.10	<4.8	<15	<49	<15	<49	130
EW-13	6/3/2022	0'-6'	<0.024	<0.047	<0.047	< 0.094	<0.09	<4.7	<14	<46	<14	<46	310
EW-14	6/6/2022	4'-6'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	170
EW-15	6/6/2022	4'-6'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<50	<15	<50	160
EW-17	6/7/2022	0'-6'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<14	<45	<14	<45 <48	160
EW-18	6/20/2022	8'-9'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<13	<44	<13	<44	880
		·	•	·	·			·	·	·	·		
19.15.29.12 NMAC Table 1 Closure by a Release (G	Criteria for Soil W <50')	s Impacted	10				50					100	600
19.15.29.13 NMAC Recla (0'-4' Soils C	amation Criteria Only)	l.	10 <sup>3</sup>				50 <sup>3</sup>					100 <sup>3</sup>	600
lotes:													

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in **bold** red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

Strikethrough Indicates that a sample area has been over-excavated.

#### VERTICAL ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA

ROY SWD #3

EDDY COUNTY, NEW MEXICO

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					les presente	a in parts per	minion (ing	/Ky)					
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
ETH-1/7	6/9/2022	7'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<13	<44	<13	<44	3,700
ETH-1/14	6/9/2022	14'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<45	<14	<45	600
ETH-1/18	6/9/2022	18'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	380
ETH-2/7	6/9/2022	7'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<13	<43	<13	<43	2,200
ETH-2/12	6/9/2022	12'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<46	<14	<46	480
ETH-2/15	6/9/2022	15'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<46	<14	<46	400
ETH-3/1	6/15/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<47	<14	<47	<60
ETH-3/4	6/15/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<49	<15	<49	<60
ETH-3/8	6/15/2022	8'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<13	<43	<13	<43	75
ETH-4/4	6/22/2000	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	2,000
ETH-4/9	6/22/2022	9'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<48	<14	<48	770
ETH-4/12	6/22/2022	12'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<14	<48	<14	<48	170
19.15.29.12 NMAC Table 1 Closure by a Release (G	Criteria for Soil W <50')	s Impacted	10				50					100	600
19.15.29.13 NMAC Recla (0'-4' Soils C	amation Criteria Only)	i.	10 <sup>3</sup>				<b>50</b> <sup>3</sup>					<b>100</b> <sup>3</sup>	600
Notes:													
		and a state of the last		and the set of the set of the set									

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

# ATTACHMENT 1 – PHOTOGRAPHIC DOCUMENTATION



PHOTOGRAPH NO. 1 – A general view of the historic pit location boundary determination assessment activities. Plastic pit liner material can be observed at the location.



PHOTOGRAPH NO. 2 – A general view of the remedial soil excavation activities on May 23, 2022. The view is towards the north-northwest.

Approximate GPS Coordinates: 32.670438, -104.516790



PHOTOGRAPH NO. 3 – A view of over-excavation activities in the "EX-2" sample area on July 12, 2022. The view is towards the southwest. Approximate GPS Coordinates: 32.670304, -104.516711



PHOTOGRAPH NO. 4 – A view of the excavation area on July 12, 2022. The view is towards the south.

Approximate GPS Coordinates: 32.670739, -104.517029



PHOTOGRAPH NO. 5 – A view of the former pit location in August 2021. Note vegetation growth of the former pit location. The view is towards the south. Approximate GPS Coordinates: 32.670509, -104.517614



PHOTOGRAPH NO. 6 – A current view of the former pit area in June 2022. Due to the remedial activities at the Site, vegetation growth in the area has been negatively affected. The view is towards the southeast.

Approximate GPS Coordinates: 32.670428, -104.517780

# ATTACHMENT 2 – LABORATORY ANALYTICAL RESULTS



June 02, 2022

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2205925

RE: Roy SWD 3

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/20/2022 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,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205925

Date Reported: 6/2/2022

CLIENT:	EOG		Cli	ient Sample II	): EX	ζ-4	
Project:	Roy SWD 3		(	Collection Date	: 5/1		
Lab ID:	2205925-001	Matrix: SOIL		Received Date	e: 5/2	20/2022 7:05:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	: NAI
Chloride		530	60	mg/Kg	20	5/26/2022 1:52:36 AM	67699
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	5/26/2022 7:18:56 AM	67669
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	5/26/2022 7:18:56 AM	67669
Surr: [	DNOP	85.0	51.1-141	%Rec	1	5/26/2022 7:18:56 AM	67669
EPA ME	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	5/24/2022 3:58:37 AM	67605
Surr: E	3FB	90.6	37.7-212	%Rec	1	5/24/2022 3:58:37 AM	67605
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.025	mg/Kg	1	5/24/2022 3:58:37 AM	67605
Toluene		ND	0.049	mg/Kg	1	5/24/2022 3:58:37 AM	67605
Ethylben	zene	ND	0.049	mg/Kg	1	5/24/2022 3:58:37 AM	67605
Xylenes,	Total	ND	0.098	mg/Kg	1	5/24/2022 3:58:37 AM	67605
Surr: 4	1-Bromofluorobenzene	94.4	70-130	%Rec	1	5/24/2022 3:58:37 AM	67605

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

\* **Qualifiers:** 

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

Page 1 of 8

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205925

Date Reported: 6/2/2022

~	200		~				
CLIENT:	EOG		Cli	ient Sample II	<b>):</b> E>	K-5	
Project:	Roy SWD 3		(	Collection Dat	<b>e: 5</b> /1	16/2022 9:42:00 AM	
Lab ID:	2205925-002	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 5/2	20/2022 7:05:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	: NAI
Chloride		550	60	mg/Kg	20	5/26/2022 2:29:38 AM	67699
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: ED
Diesel Ra	ange Organics (DRO)	ND	9.7	mg/Kg	1	5/26/2022 7:42:54 AM	67669
Motor Oil	Range Organics (MRO)	ND	49	mg/Kg	1	5/26/2022 7:42:54 AM	67669
Surr: [	DNOP	89.8	51.1-141	%Rec	1	5/26/2022 7:42:54 AM	67669
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	5/24/2022 4:22:12 AM	67605
Surr: E	3FB	94.4	37.7-212	%Rec	1	5/24/2022 4:22:12 AM	67605
EPA ME	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.025	mg/Kg	1	5/24/2022 4:22:12 AM	67605
Toluene		ND	0.049	mg/Kg	1	5/24/2022 4:22:12 AM	67605
Ethylben	zene	ND	0.049	mg/Kg	1	5/24/2022 4:22:12 AM	67605
Xylenes,	Total	ND	0.099	mg/Kg	1	5/24/2022 4:22:12 AM	67605
Surr: 4	1-Bromofluorobenzene	96.9	70-130	%Rec	1	5/24/2022 4:22:12 AM	67605

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

**Qualifiers:** 

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

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### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205925

Date Reported: 6/2/2022

CLIENT:	EOG		Cli	ient Sample ID	): EX	K-8	
Project:	Roy SWD 3		<b>Collection Date:</b> 5/16/2022 9:51:00 AM				
Lab ID:	2205925-003	Matrix: SOIL		Received Date	<b>e:</b> 5/2	20/2022 7:05:00 AM	
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	: NAI
Chloride		210	60	mg/Kg	20	5/26/2022 2:41:58 AM	67699
EPA ME	THOD 8015M/D: DIESEL F	RANGE ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	5/26/2022 8:06:57 AM	67669
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	5/26/2022 8:06:57 AM	67669
Surr: I	DNOP	90.5	51.1-141	%Rec	1	5/26/2022 8:06:57 AM	67669
EPA ME	THOD 8015D: GASOLINE	RANGE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	5/24/2022 4:45:50 AM	67605
Surr: I	BFB	93.3	37.7-212	%Rec	1	5/24/2022 4:45:50 AM	67605
EPA ME	THOD 8021B: VOLATILES	6				Analyst	: NSB
Benzene	)	ND	0.024	mg/Kg	1	5/24/2022 4:45:50 AM	67605
Toluene		ND	0.049	mg/Kg	1	5/24/2022 4:45:50 AM	67605
Ethylben	zene	ND	0.049	mg/Kg	1	5/24/2022 4:45:50 AM	67605
Xylenes,	Total	ND	0.098	mg/Kg	1	5/24/2022 4:45:50 AM	67605
Surr: 4	4-Bromofluorobenzene	94.9	70-130	%Rec	1	5/24/2022 4:45:50 AM	67605

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

**Qualifiers:** 

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

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### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205925

Date Reported: 6/2/2022

CLIENT:	EOG		Cli	ient Sample II	<b>):</b> EV	W-2	
Project:	Roy SWD 3		Collection Date: 5/16/2022 12:26:00 PM				
Lab ID:	2205925-004	Matrix: SOIL		Received Date	e: 5/2	20/2022 7:05:00 AM	
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	t: NAI
Chloride		240	60	mg/Kg	20	5/26/2022 2:54:18 AM	67699
EPA ME	THOD 8015M/D: DIESEL F	RANGE ORGANICS				Analys	t: ED
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	5/26/2022 8:31:00 AM	67669
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	5/26/2022 8:31:00 AM	67669
Surr: I	DNOP	70.0	51.1-141	%Rec	1	5/26/2022 8:31:00 AM	67669
EPA ME	THOD 8015D: GASOLINE	RANGE				Analys	t: BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	5/24/2022 5:35:00 AM	67605
Surr: I	BFB	84.6	37.7-212	%Rec	1	5/24/2022 5:35:00 AM	67605
EPA ME	THOD 8021B: VOLATILES	6				Analys	t: BRM
Benzene	)	ND	0.024	mg/Kg	1	5/24/2022 5:35:00 AM	67605
Toluene		ND	0.049	mg/Kg	1	5/24/2022 5:35:00 AM	67605
Ethylben	izene	ND	0.049	mg/Kg	1	5/24/2022 5:35:00 AM	67605
Xylenes,	Total	ND	0.097	mg/Kg	1	5/24/2022 5:35:00 AM	67605
Surr: 4	4-Bromofluorobenzene	85.4	70-130	%Rec	1	5/24/2022 5:35:00 AM	67605

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

**Qualifiers:** 

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

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<b>U</b> C St Hall Er	vironmental A	Analysis	Laboratory, Inc.	•	WO#:	2205925 02-Jun-22
Client: Project:	EOG Roy SWD 3					
Sample ID:	LCS-67699	SampType:	lcs	TestCode: EPA Method 300.0: Anions		
Client ID:	LCSS	Batch ID:	67699	RunNo: 88285		

Prep Date: 5/25/2022	Analysis Date: 5/	25/2022	S	SeqNo: 31	131011	Units: <b>mg/K</b>	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14 1.5	15.00	0	94.0	90	110			
Sample ID: MB-67699	SampType: ml	olk	Tes	tCode: EF	PA Method	300.0: Anions	5		
Client ID: PBS	Batch ID: 67	699	F	RunNo: <b>88</b>	3285				
Prep Date: 5/25/2022	Analysis Date: 5/	25/2022	S	SeqNo: 31	131012	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND 1.5								

**Qualifiers:** 

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

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Released to Imaging: 11/16/2022 2:16:42 PM

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# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

2205925	WO#:
02-Jun-22	

Client:	EOG										
Project:	Roy SWD	3									
Sample ID:	MB-67669	SampT	Гуре: <b>МЕ</b>	LK	Tes	stCode: EF	PA Method	8015M/D: Dies	el Range	Organics	
Client ID:	PBS	Batcl	h ID: 676	69	F	RunNo: <b>88</b>	3246				
Prep Date:	5/24/2022	Analysis E	Date: 5/2	26/2022	Ş	SeqNo: 31	31392	Units: mg/Kg	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	ND	10								
Motor Oil Rang	ge Organics (MRO)	ND	50								
Surr: DNOP		9.2		10.00		92.1	51.1	141			
Sample ID:         LCS-67669         SampType:         LCS         TestCode:         EPA Method 8015M/D: Diesel Range Organics											
Client ID:	LCSS	Batcl	h ID: 676	69	F	RunNo: <b>88</b>	8246				
Prep Date:	5/24/2022	Analysis D	Date: 5/2	26/2022	5	SeqNo: 31	31393	Units: mg/Kg	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	48	10	50.00	0	96.4	64.4	127			
Surr: DNOP		4.8		5.000		95.9	51.1	141			
Sample ID:	MB-67680	SampT	Гуре: МЕ	LK	Tes	stCode: EF	A Method	8015M/D: Dies	el Range	Organics	
Client ID:	PBS	Batcl	h ID: 676	680	F	RunNo: <b>88</b>	3246				
Prep Date:	5/25/2022	Analysis D	Date: 5/2	26/2022	S	SeqNo: 31	32682	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	1	9.3		10.00		93.1	51.1	141			
Sample ID:	LCS-67680	SampT	Type: LC	s	Tes	stCode: EF	A Method	8015M/D: Dies	el Range	Organics	
Client ID:	LCSS	Batcl	h ID: 676	680	F	RunNo: <b>88</b>	3246				
Prep Date:	5/25/2022	Analysis D	Date: 5/2	26/2022	5	SeqNo: 31	32685	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		4.7		5.000		93.1	51.1	141			

Qualifiers:

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

RL Reporting Limit

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2205925
	02-Jun-22

Client:	EOG										
Project:	Roy SWD	3									
Sample ID:	mb-67605	SampType	: MB	LK	Tes	tCode: E	PA Method	8015D: Gasoli	ne Range		
Client ID:	PBS	Batch ID	: 676	05	F	RunNo: 8	8206				
Prep Date:	5/20/2022	Analysis Date	: 5/2	24/2022	S	SeqNo: 3	126958	Units: mg/Kg	)		
Analyte		Result F	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	ND	5.0								
Surr: BFB		920		1000		91.8	37.7	212			
Sample ID:	lcs-67605	SampType	E LC	S	Tes	tCode: E	PA Method	8015D: Gasoli	ne Range		
Client ID:	LCSS	Batch ID	: 676	05	F	RunNo: <b>8</b>	8206				
Prep Date:	5/20/2022	Analysis Date	: 5/2	23/2022	S	SeqNo: 3	126959	Units: mg/Kg	9		
Analyte		Result F	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	5.0	25.00	0	102	72.3	137			
Surr: BFB		2000		1000		200	37.7	212			
Sample ID:	lcs-67637	SampType	E: LC	S	Tes	tCode: E	PA Method	8015D: Gasoli	ne Range		
Client ID:	LCSS	Batch ID	: 676	37	F	RunNo: <b>8</b>	8236				
Prep Date:	5/23/2022	Analysis Date	: 5/2	24/2022	S	SeqNo: 3	128820	Units: %Rec			
Analyte		Result F	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		2000		1000		202	37.7	212			
Sample ID:	mb-67637	SampType	e: MB	LK	Tes	tCode: E	PA Method	8015D: Gasoli	ne Range		
Client ID:	PBS	Batch ID	: 676	37	F	RunNo: <b>8</b>	8236				
Prep Date:	5/23/2022	Analysis Date	: 5/2	24/2022	S	SeqNo: 3	128821	Units: %Rec			
Analyte		Result F	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		930		1000		93.2	37.7	212			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 8

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2	220	5925
		-	

02-Jun-22

Client: Project:	EOG Roy SWD	3									
Sample ID:	mb-67605	SampT	уре: М	BLK	Tes	tCode: EP	A Method	8021B: Volatile	es		
Client ID:	PBS	Batch	n ID: 67	7605	F	RunNo: <b>88</b>	206				
Prep Date:	5/20/2022	Analysis D	ate: 5	/24/2022	5	SeqNo: 31	27001	Units: mg/Kg	I		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025	1							
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.95		1.000		95.4	70	130			
Sample ID:	LCS-67605	SampT	ype: L	cs	Tes	tCode: EP	A Method	8021B: Volatile	es		
Client ID:	LCSS	Batch ID: 67605			F	RunNo: <b>88</b>					
Prep Date:	5/20/2022	Analysis D	ate: 5	/23/2022	5	SeqNo: 31	27002	Units: mg/Kg	I		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.89	0.025	1.000	0	89.3	80	120			
Toluene		0.92	0.050	1.000	0	92.3	80	120			
Ethylbenzene		0.93	0.050	1.000	0	92.6	80	120			
Xylenes, Total		2.8	0.10	3.000	0	92.6	80	120			
Surr: 4-Brom	ofluorobenzene	0.99		1.000		98.8	70	130			
Sample ID:	lcs-67637	SampT	ype: L	cs	Tes	tCode: EP	A Method	8021B: Volatile	es		
Client ID:	LCSS	Batch	n ID: 67	7637	F	RunNo: <b>88</b>	236				
Prep Date:	5/23/2022	Analysis D	ate: 5	/24/2022	5	SeqNo: 31	28876	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Brom	ofluorobenzene	0.94		1.000		94.0	70	130			
Sample ID:	mb-67637	SampT	уре: М	BLK	Tes	tCode: EP	A Method	8021B: Volatile	es		
Client ID:	PBS	Batch	n ID: 67	637	F	RunNo: <b>88</b>	236				
Prep Date:	5/23/2022	Analysis D	ate: 5	/24/2022	5	SeqNo: 31	28877	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Brom	ofluorobenzene	0.94		1.000		94.5	70	130			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmenta Alb TEL: 505-345-397 Website: www.ha	Analysis Labor 4901 Hawki uquerque, NM 8 5 FAX: 505-345 allenvironmenta	ratory ns NE 87109 <b>San</b> -4107 al.com	nple Log-In Check List
Client Name: EOG	Work Order Number	2205925		RcptNo: 1
Received By: Juan Rojas	5/20/2022 7:05:00 AM		4 warsay	
Completed By: Juan Rojas	5/20/2022 7:40:04 AM		Guan Sa g	
Reviewed By: SCL 5/20/22			/ -	
hain of Custody				
Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present
How was the sample delivered?		Courier		
Log In Was an attempt made to cool the camples?		Yes I	No 🗔	w 🗖
was an allempt made to cool the samples?		ies 💌		
. Were all samples received at a temperature	of >0° C to 6.0°C	Yes 🔽	No 🗌	
Sample(s) in proper container(s)?		Yes 🗹	No 🗌	
Sufficient sample volume for indicated test(s)	?	Yes 🔽	No 🗌	
Are samples (except VOA and ONG) properly	preserved?	Yes 🗸	No 🗌	
Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗌
Received at least 1 vial with headspace <1/4	for AQ VOA?	Yes	No 🗌	
. Were any sample containers received broker	1?	Yes	No 🔽	# of processed
				bottles checked
(Note discrepancies on chain of custody)		Yes 🗹	No 🗔	for pH: $(<2 \text{ or } >12 \text{ unless noted})$
Are matrices correctly identified on Chain of C	custody?	Yes 🔽	No 🗆	Adjusted?
Is it clear what analyses were requested?		Yes 🔽	No 🗌	
. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by: JN 5720/22
ecial Handling (if applicable)			2	
. Was client notified of all discrepancies with the	nis order?	Yes	No 🗌	NA 🔽
Person Notified:	Date			
By Whom:	Via:	eMail 🗌 F	hone 🗌 Fax	In Person
Regarding:				
Client Instructions:				
Additional remarks:				
Cooler Information Cooler No Temp °C Condition Se	al Intact Seal No S	eal Date	Signed By	

Page 1 of 1

Received by OCD: 7/20/2022 4	:39:14 PM		Page 34 of 1
ALL ENVIRONMENTA JALYSIS LABORATOR w.hallenvironmental.com NE - Albuquerque, NM 87109 3975 Fax 505-345-4107 Analysis Request	RCRA 8 Metals Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) ( <i>N</i> / <i>ori</i> , <i>J</i> . ( <i>FPH Fco</i> )		
HA AN wv Iawkins 05-345-	EDB (Method 504.1) 2MI20728 or 8270SIMS		
901 H	8081 Pesticides/8082 PCB's		3
	BIEX / MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MBO)		emark
Turn-Around Time:	Project Manager: W. Kendart Sampler: W. Kendart Sampler: W. Kendart On Ice: Dres No # of Coolers: No Cooler Temp(Instuding cr): No-0:151. (°C) Cooler Temp(Instuding cr): No-0:151. (°C) Container Type and # Type	1×40254 ECE -001 -003 -003	Received by: Via: Date Time R. Received by: Via: Date Time Time
-of-Custody Record	<ul> <li>Level 4 (Full Validation)</li> <li>Az Compliance</li> <li>Other</li> <li>Matrix Sample Name</li> </ul>	Seit Ex-4 Ex-5 Ex-5 Eu-2 Eu-2 Balinniichad hur	Relinquished by:
Client:	email or Fax#: QA/QC Package: Candard Accreditation: NELAC Date Date Time	57/16/20 C4/3/6 04/12 04/12 04/12 1/2/2/6	5/14/22 12.145



June 08, 2022

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2205D06

RE: Roy SWD 3

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 13 sample(s) on 5/28/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

<b>CLIENT:</b>	EOG	Client Sample ID: EX-1										
Project:	Roy SWD 3		Collection Date: 5/25/2022 10:55:00 AM									
Lab ID:	2205D06-001	Matrix: SOIL	Matrix: SOIL Received Date: 5/28/202									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI					
Chloride		660	60	mg/Kg	20	6/2/2022 7:20:48 PM	67861					
EPA ME	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	: ED					
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	6/1/2022 11:13:14 AM	67802					
Motor Oil Range Organics (MRO)		ND	47	mg/Kg	1	6/1/2022 11:13:14 AM	67802					
Surr: I	DNOP	66.4	51.1-141	%Rec	1	6/1/2022 11:13:14 AM	67802					
EPA MET	THOD 8015D: GASOLINE RAM	NGE				Analyst	RAA					
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 11:13:00 AN	67777					
Surr: I	BFB	87.3	37.7-212	%Rec	1	5/31/2022 11:13:00 AM	67777					
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA					
Benzene	9	ND	0.024	mg/Kg	1	5/31/2022 11:13:00 AM	67777					
Toluene		ND	0.049	mg/Kg	1	5/31/2022 11:13:00 AM	67777					
Ethylben	izene	ND	0.049	mg/Kg	1	5/31/2022 11:13:00 AM	67777					
Xylenes,	Total	ND	0.098	mg/Kg	1	5/31/2022 11:13:00 AM	67777					
Surr: 4	4-Bromofluorobenzene	87.3	70-130	%Rec	1	5/31/2022 11:13:00 AM	67777					

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT:	EOG	Client Sample ID: EX-2								
Project:	Roy SWD 3	Collection Date: 5/25/2022 10:57:00 AM								
Lab ID:	2205D06-002	Matrix: SOIL		<b>Received Dat</b>	e: 5/2	28/2022 8:00:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI			
Chloride		750	61	mg/Kg	20	6/2/2022 7:33:12 PM	67861			
EPA ME	THOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: ED			
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	6/1/2022 11:36:59 AM	67802			
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	6/1/2022 11:36:59 AM	67802			
Surr: I	DNOP	53.5	51.1-141	%Rec	1	6/1/2022 11:36:59 AM	67802			
EPA MET	THOD 8015D: GASOLINE RAN	IGE				Analyst	RAA			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 12:12:00 PN	67777			
Surr: I	BFB	83.7	37.7-212	%Rec	1	5/31/2022 12:12:00 PM	67777			
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA			
Benzene	9	ND	0.025	mg/Kg	1	5/31/2022 12:12:00 PN	67777			
Toluene		ND	0.049	mg/Kg	1	5/31/2022 12:12:00 PN	67777			
Ethylben	izene	ND	0.049	mg/Kg	1	5/31/2022 12:12:00 PM	67777			
Xylenes,	Total	ND	0.098	mg/Kg	1	5/31/2022 12:12:00 PM	67777			
Surr: 4	4-Bromofluorobenzene	84.0	70-130	%Rec	1	5/31/2022 12:12:00 PM	67777			

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

**Qualifiers:** 

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

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### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT: EOG Client Sample ID: EX-3						K-3			
Project:	Roy SWD 3	Collection Date: 5/25/2022 10:59:00 AM							
Lab ID:	2205D06-003	Matrix: SOIL		<b>Received Date</b>	e: 5/2	28/2022 8:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	: NAI		
Chloride		590	60	mg/Kg	20	6/2/2022 7:45:37 PM	67861		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED		
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	6/1/2022 12:00:47 PM	67802		
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	6/1/2022 12:00:47 PM	67802		
Surr: I	ONOP	75.9	51.1-141	%Rec	1	6/1/2022 12:00:47 PM	67802		
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	RAA		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	5/31/2022 12:32:00 PM	67777		
Surr: I	3FB	83.1	37.7-212	%Rec	1	5/31/2022 12:32:00 PM	67777		
EPA MET	HOD 8021B: VOLATILES					Analyst	: RAA		
Benzene		ND	0.024	mg/Kg	1	5/31/2022 12:32:00 PM	67777		
Toluene		ND	0.048	mg/Kg	1	5/31/2022 12:32:00 PM	67777		
Ethylben	zene	ND	0.048	mg/Kg	1	5/31/2022 12:32:00 PM	67777		
Xylenes,	Total	ND	0.096	mg/Kg	1	5/31/2022 12:32:00 PM	67777		
Surr: 4	4-Bromofluorobenzene	86.5	70-130	%Rec	1	5/31/2022 12:32:00 PM	67777		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	ζ-6			
Project:	Roy SWD 3	Collection Date: 5/25/2022 11:01:00 AM							
Lab ID:	2205D06-004	Matrix: SOIL		Received Date	e: 5/2	28/2022 8:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	: NAI		
Chloride		540	60	mg/Kg	20	6/2/2022 7:58:01 PM	67861		
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED		
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	6/1/2022 2:00:00 PM	67802		
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/1/2022 2:00:00 PM	67802		
Surr: [	ONOP	61.0	51.1-141	%Rec	1	6/1/2022 2:00:00 PM	67802		
ЕРА МЕТ	HOD 8015D: GASOLINE RANG	ЭЕ				Analyst	RAA		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 12:51:00 PM	67777		
Surr: E	3FB	82.3	37.7-212	%Rec	1	5/31/2022 12:51:00 PM	67777		
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	: RAA		
Benzene		ND	0.025	mg/Kg	1	5/31/2022 12:51:00 PM	67777		
Toluene		ND	0.049	mg/Kg	1	5/31/2022 12:51:00 PM	67777		
Ethylben	zene	ND	0.049	mg/Kg	1	5/31/2022 12:51:00 PM	67777		
Xylenes,	Total	ND	0.099	mg/Kg	1	5/31/2022 12:51:00 PM	67777		
Surr: 4	4-Bromofluorobenzene	83.8	70-130	%Rec	1	5/31/2022 12:51:00 PM	67777		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

<b>CLIENT:</b>	EOG		Client Sample ID: EX-7								
Project:	Roy SWD 3		Collection Date: 5/25/2022 11:03:00 AM								
Lab ID:	2205D06-005	Matrix: SOIL		<b>Received Date</b>	e: 5/2	28/2022 8:00:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analysi	: JMT				
Chloride		590	61	mg/Kg	20	6/3/2022 10:37:02 AM	67861				
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	ED:				
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	6/2/2022 3:07:35 PM	67802				
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	6/2/2022 3:07:35 PM	67802				
Surr: I	DNOP	91.0	51.1-141	%Rec	1	6/2/2022 3:07:35 PM	67802				
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	RAA				
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	5/31/2022 1:11:00 PM	67777				
Surr: I	BFB	84.0	37.7-212	%Rec	1	5/31/2022 1:11:00 PM	67777				
EPA MET	THOD 8021B: VOLATILES					Analyst	: RAA				
Benzene	)	ND	0.024	mg/Kg	1	5/31/2022 1:11:00 PM	67777				
Toluene		ND	0.048	mg/Kg	1	5/31/2022 1:11:00 PM	67777				
Ethylben	izene	ND	0.048	mg/Kg	1	5/31/2022 1:11:00 PM	67777				
Xylenes,	Total	ND	0.095	mg/Kg	1	5/31/2022 1:11:00 PM	67777				
Surr: 4	4-Bromofluorobenzene	83.9	70-130	%Rec	1	5/31/2022 1:11:00 PM	67777				

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT:	EOG		Cl	ient Sample II	<b>):</b> EX	ζ-9	
Project:	Roy SWD 3		(	Collection Dat	e: 5/2	25/2022 11:05:00 AM	
Lab ID:	2205D06-006	Matrix: SOIL		Received Date	e: 5/2	28/2022 8:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: JMT
Chloride		520	60	mg/Kg	20	6/3/2022 10:49:26 AM	67861
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/7/2022 2:26:31 PM	67802
Motor Oi	Range Organics (MRO)	ND	49	mg/Kg	1	6/7/2022 2:26:31 PM	67802
Surr: I	DNOP	76.5	51.1-141	%Rec	1	6/7/2022 2:26:31 PM	67802
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	RAA
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 1:30:00 PM	67777
Surr: I	BFB	85.9	37.7-212	%Rec	1	5/31/2022 1:30:00 PM	67777
EPA MET	THOD 8021B: VOLATILES					Analyst	RAA
Benzene		ND	0.024	mg/Kg	1	5/31/2022 1:30:00 PM	67777
Toluene		ND	0.049	mg/Kg	1	5/31/2022 1:30:00 PM	67777
Ethylben	zene	ND	0.049	mg/Kg	1	5/31/2022 1:30:00 PM	67777
Xylenes,	Total	ND	0.097	mg/Kg	1	5/31/2022 1:30:00 PM	67777
Surr: 4	4-Bromofluorobenzene	85.2	70-130	%Rec	1	5/31/2022 1:30:00 PM	67777

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

<b>CLIENT:</b>	EOG	Client Sample ID: EX-10								
Project:	Roy SWD 3	Collection Date: 5/25/2022 11:07:00 AM								
Lab ID:	2205D06-007	Matrix: SOIL		<b>Received Dat</b>	e: 5/2	28/2022 8:00:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analysi	t: NAI			
Chloride		520	60	mg/Kg	20	6/2/2022 6:46:52 PM	67872			
EPA ME	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	t: ED			
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	6/1/2022 3:59:04 PM	67802			
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	6/1/2022 3:59:04 PM	67802			
Surr: I	DNOP	60.7	51.1-141	%Rec	1	6/1/2022 3:59:04 PM	67802			
EPA MET	THOD 8015D: GASOLINE RAI	NGE				Analyst	t: RAA			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 1:50:00 PM	67777			
Surr: I	BFB	87.4	37.7-212	%Rec	1	5/31/2022 1:50:00 PM	67777			
EPA MET	THOD 8021B: VOLATILES					Analyst	t: RAA			
Benzene	9	ND	0.024	mg/Kg	1	5/31/2022 1:50:00 PM	67777			
Toluene		ND	0.049	mg/Kg	1	5/31/2022 1:50:00 PM	67777			
Ethylben	izene	ND	0.049	mg/Kg	1	5/31/2022 1:50:00 PM	67777			
Xylenes,	Total	ND	0.098	mg/Kg	1	5/31/2022 1:50:00 PM	67777			
Surr: 4	4-Bromofluorobenzene	88.0	70-130	%Rec	1	5/31/2022 1:50:00 PM	67777			

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

**Qualifiers:** 

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

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT:	EOG		Client Sample ID: EX-11								
Project:	Roy SWD 3		Collection Date: 5/25/2022 11:09:00 AM								
Lab ID:	2205D06-008	Matrix: SOIL		<b>Received Date</b>	e: 5/2	28/2022 8:00:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI				
Chloride		530	59	mg/Kg	20	6/2/2022 7:23:55 PM	67872				
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	t: ED				
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	6/2/2022 3:31:25 PM	67802				
Motor Oi	l Range Organics (MRO)	ND	48	mg/Kg	1	6/2/2022 3:31:25 PM	67802				
Surr: I	DNOP	101	51.1-141	%Rec	1	6/2/2022 3:31:25 PM	67802				
EPA MET	THOD 8015D: GASOLINE RAN	NGE				Analyst	: RAA				
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 2:10:00 PM	67777				
Surr: I	BFB	86.1	37.7-212	%Rec	1	5/31/2022 2:10:00 PM	67777				
ΕΡΑ ΜΕΊ	THOD 8021B: VOLATILES					Analyst	: RAA				
Benzene		ND	0.024	mg/Kg	1	5/31/2022 2:10:00 PM	67777				
Toluene		ND	0.049	mg/Kg	1	5/31/2022 2:10:00 PM	67777				
Ethylben	zene	ND	0.049	mg/Kg	1	5/31/2022 2:10:00 PM	67777				
Xylenes,	Total	ND	0.097	mg/Kg	1	5/31/2022 2:10:00 PM	67777				
Surr: 4	4-Bromofluorobenzene	86.7	70-130	%Rec	1	5/31/2022 2:10:00 PM	67777				

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT:	EOG	Client Sample ID: EW-1								
Project:	Roy SWD 3	Collection Date: 5/25/2022 11:11:00 AM								
Lab ID:	2205D06-009	Matrix: SOIL		<b>Received Date</b>	e: 5/2	28/2022 8:00:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI			
Chloride		720	60	mg/Kg	20	6/2/2022 7:36:16 PM	67872			
EPA MET	THOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED:			
Diesel R	ange Organics (DRO)	ND	9.1	mg/Kg	1	6/2/2022 3:55:20 PM	67802			
Motor Oi	il Range Organics (MRO)	ND	46	mg/Kg	1	6/2/2022 3:55:20 PM	67802			
Surr: I	DNOP	90.4	51.1-141	%Rec	1	6/2/2022 3:55:20 PM	67802			
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	: RAA			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 2:30:00 PM	67777			
Surr: I	BFB	85.9	37.7-212	%Rec	1	5/31/2022 2:30:00 PM	67777			
EPA MET	THOD 8021B: VOLATILES					Analyst	: RAA			
Benzene		ND	0.024	mg/Kg	1	5/31/2022 2:30:00 PM	67777			
Toluene		ND	0.049	mg/Kg	1	5/31/2022 2:30:00 PM	67777			
Ethylben	zene	ND	0.049	mg/Kg	1	5/31/2022 2:30:00 PM	67777			
Xylenes,	Total	ND	0.097	mg/Kg	1	5/31/2022 2:30:00 PM	67777			
Surr: 4	4-Bromofluorobenzene	86.4	70-130	%Rec	1	5/31/2022 2:30:00 PM	67777			

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT:	EOG		Cl	ient Sample II	D: EV	W-3	
Project:	Roy SWD 3		(	Collection Dat	e: 5/2	25/2022 11:13:00 AM	
Lab ID:	2205D06-010	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 5/2	28/2022 8:00:00 AM	
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	: NAI
Chloride		840	60	mg/Kg	20	6/2/2022 7:48:38 PM	67872
EPA ME	THOD 8015M/D: DIESEL RANG	<b>SE ORGANICS</b>				Analys	t: ED
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	6/2/2022 4:19:07 PM	67802
Motor O	il Range Organics (MRO)	ND	47	mg/Kg	1	6/2/2022 4:19:07 PM	67802
Surr:	DNOP	100	51.1-141	%Rec	1	6/2/2022 4:19:07 PM	67802
EPA ME	THOD 8015D: GASOLINE RAN	GE				Analys	RAA
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	5/31/2022 3:09:00 PM	67777
Surr:	BFB	81.8	37.7-212	%Rec	1	5/31/2022 3:09:00 PM	67777
EPA ME	THOD 8021B: VOLATILES					Analys	: RAA
Benzene	9	ND	0.025	mg/Kg	1	5/31/2022 3:09:00 PM	67777
Toluene		ND	0.050	mg/Kg	1	5/31/2022 3:09:00 PM	67777
Ethylber	izene	ND	0.050	mg/Kg	1	5/31/2022 3:09:00 PM	67777
Xylenes,	, Total	ND	0.10	mg/Kg	1	5/31/2022 3:09:00 PM	67777
Surr:	4-Bromofluorobenzene	84.3	70-130	%Rec	1	5/31/2022 3:09:00 PM	67777

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

**Qualifiers:** 

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

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### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

-									
CLIENT:	EOG	Client Sample ID: EW-4							
Project:	Roy SWD 3		(	Collection Dat	e: 5/2	25/2022 11:15:00 AM			
Lab ID:	2205D06-011	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 5/2	28/2022 8:00:00 AM			
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA ME	THOD 300.0: ANIONS					Analys	t: NAI		
Chloride		550	59	mg/Kg	20	6/2/2022 8:00:58 PM	67872		
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: ED		
Diesel R	ange Organics (DRO)	ND	8.2	mg/Kg	1	6/2/2022 4:42:54 PM	67802		
Motor O	il Range Organics (MRO)	ND	41	mg/Kg	1	6/2/2022 4:42:54 PM	67802		
Surr:	DNOP	77.7	51.1-141	%Rec	1	6/2/2022 4:42:54 PM	67802		
EPA ME	THOD 8015D: GASOLINE RANG	E				Analys	t: RAA		
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	5/31/2022 3:29:00 PM	67777		
Surr:	BFB	83.1	37.7-212	%Rec	1	5/31/2022 3:29:00 PM	67777		
EPA ME	THOD 8021B: VOLATILES					Analys	t: RAA		
Benzene	9	ND	0.024	mg/Kg	1	5/31/2022 3:29:00 PM	67777		
Toluene		ND	0.047	mg/Kg	1	5/31/2022 3:29:00 PM	67777		
Ethylber	izene	ND	0.047	mg/Kg	1	5/31/2022 3:29:00 PM	67777		
Xylenes	, Total	ND	0.094	mg/Kg	1	5/31/2022 3:29:00 PM	67777		
Surr:	4-Bromofluorobenzene	85.8	70-130	%Rec	1	5/31/2022 3:29:00 PM	67777		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

CLIENT:	EOG		Cl	ient Sample II	D: EV	W-5	
Project:	Roy SWD 3		(	Collection Date	e: 5/2	25/2022 11:17:00 AM	
Lab ID:	2205D06-012	Matrix: SOIL		Received Date	e: 5/2	28/2022 8:00:00 AM	
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	: NAI
Chloride		700	61	mg/Kg	20	6/2/2022 8:13:18 PM	67872
EPA ME	THOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analys	TOM
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/7/2022 11:25:25 AM	67893
Motor O	il Range Organics (MRO)	ND	47	mg/Kg	1	6/7/2022 11:25:25 AM	67893
Surr:	DNOP	96.0	51.1-141	%Rec	1	6/7/2022 11:25:25 AM	67893
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analys	: RAA
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	5/31/2022 3:48:00 PM	67777
Surr:	BFB	86.2	37.7-212	%Rec	1	5/31/2022 3:48:00 PM	67777
EPA ME	THOD 8021B: VOLATILES					Analys	: RAA
Benzene	9	ND	0.024	mg/Kg	1	5/31/2022 3:48:00 PM	67777
Toluene		ND	0.047	mg/Kg	1	5/31/2022 3:48:00 PM	67777
Ethylber	izene	ND	0.047	mg/Kg	1	5/31/2022 3:48:00 PM	67777
Xylenes,	, Total	ND	0.094	mg/Kg	1	5/31/2022 3:48:00 PM	67777
Surr:	4-Bromofluorobenzene	85.8	70-130	%Rec	1	5/31/2022 3:48:00 PM	67777

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2205D06

Date Reported: 6/8/2022

-										
CLIENT:	EOG	Client Sample ID: EW-6								
Project:	Roy SWD 3	Collection Date: 5/25/2022 11:19:00 AM								
Lab ID:	2205D06-013	Matrix: SOIL		<b>Received Date</b>	<b>e:</b> 5/2	28/2022 8:00:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	: NAI			
Chloride		750	60	mg/Kg	20	6/2/2022 8:25:39 PM	67872			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED			
Diesel Ra	ange Organics (DRO)	ND	9.7	mg/Kg	1	6/2/2022 5:30:29 PM	67802			
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/2/2022 5:30:29 PM	67802			
Surr: [	ONOP	74.4	51.1-141	%Rec	1	6/2/2022 5:30:29 PM	67802			
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	RAA			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	5/31/2022 4:08:00 PM	67777			
Surr: E	3FB	87.0	37.7-212	%Rec	1	5/31/2022 4:08:00 PM	67777			
EPA MET	HOD 8021B: VOLATILES					Analyst	RAA			
Benzene		ND	0.025	mg/Kg	1	5/31/2022 4:08:00 PM	67777			
Toluene		ND	0.049	mg/Kg	1	5/31/2022 4:08:00 PM	67777			
Ethylben	zene	ND	0.049	mg/Kg	1	5/31/2022 4:08:00 PM	67777			
Xylenes,	Total	ND	0.099	mg/Kg	1	5/31/2022 4:08:00 PM	67777			
Surr: 4	1-Bromofluorobenzene	86.3	70-130	%Rec	1	5/31/2022 4:08:00 PM	67777			

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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WO#:	2205D06

08-Jun-22

Client:	EOG										
Project:	Roy SWD	3									
Sample ID:	MB-67861	SampTy	/pe: <b>m</b> k	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	ID: 67	861	F	RunNo: <b>88</b>	3448				
Prep Date:	6/2/2022	Analysis Da	ate: 6/	2/2022	S	SeqNo: 31	137969	Units: <b>mg/K</b>	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-67861	SampTy	/pe: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 67	861	F	RunNo: <b>88</b>	8448				
Prep Date:	6/2/2022	Analysis Da	ate: 6/	2/2022	S	SeqNo: 31	137970	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.3	90	110			
Sample ID:	LCS-67872	SampTy	/pe: <b>Ics</b>	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 67	872	F	RunNo: <b>88</b>	3449				
Prep Date:	6/2/2022	Analysis Da	ate: 6/	2/2022	S	SeqNo: 31	138047	Units: <b>mg/K</b>	g		
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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

WO#: 2205D06

08-Jun-22

Client:	EOG										
Project:	Roy SWI	03									
Sample ID:	MB-67802	SampTyp	e: Me	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch II	): <b>67</b>	802	R	unNo: 88	8418				
Prep Date:	5/31/2022	Analysis Date	e: 6/	1/2022	S	eqNo: 31	136875	Units: <b>mg/K</b>	g		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range ( Motor Oil Rang Surr: DNOP	Organics (DRO) je Organics (MRO)	ND ND 7.3	10 50	10.00		72.8	51.1	141			
Sample ID:	LCS-67802	SampTyp	e: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch II	): <b>67</b>	802	R	lunNo: <b>88</b>	8418				
Prep Date:	5/31/2022	Analysis Date	e: 6/	1/2022	S	eqNo: 3	136893	Units: mg/K	g		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range ( Surr: DNOP	Organics (DRO)	44 2.9	10	50.00 5.000	0	87.8 58.3	64.4 51.1	127 141			
Sample ID:	MB-67821	SampTyp	e: Me	BLK	Test	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch II	): 67	821	R	unNo: 88	8418				
Prep Date:	6/1/2022	Analysis Date	e: 6/	3/2022	S	eqNo: 31	138396	Units: %Red	;		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		9.0		10.00		90.0	51.1	141			
Sample ID:	LCS-67821	SampTyp	e: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch II	): <b>67</b>	821	R	lunNo: <b>88</b>	8418				
Prep Date:	6/1/2022	Analysis Date	e: 6/	3/2022	S	eqNo: 3	138397	Units: %Red	;		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		3.8		5.000		76.1	51.1	141			
Sample ID:	MB-67871	SampTyp	e: Me	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch ID	): <b>67</b>	871	R	lunNo: <b>88</b>	8418				
Prep Date:	6/2/2022	Analysis Date	e: 6/	4/2022	S	eqNo: 31	140066	Units: %Red	;		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		9.7		10.00		96.6	51.1	141			
Sample ID:	LCS-67871	SampTyp	e: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch II	): <b>67</b>	871	R	tunNo: <b>88</b>	8418				
Prep Date:	6/2/2022	Analysis Date	e: 6/	4/2022	S	eqNo: 31	140074	Units: %Red	;		
Analyte		Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		4.9		5.000		98.0	51.1	141			

#### Qualifiers:

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

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

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WO#:	2	205	D0	6

08-Jun-22

Client:	EOG										
Project:	Roy SWD	3									
Sample ID: I	cs-67777	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID: L	LCSS	Batcl	n ID: 67	777	F	RunNo: <b>8</b>	8377				
Prep Date:	5/29/2022	Analysis D	Date: 5/	31/2022	5	SeqNo: 3	135016	Units: <b>mg/</b> #	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	23	5.0	25.00	0	93.8	72.3	137			
Surr: BFB		1800		1000		183	37.7	212			
Sample ID: n	mb-67777	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: F	PBS	Batcl	n ID: 67	777	F	RunNo: <b>8</b>	8377				
Prep Date:	5/29/2022	Analysis D	Date: 5/	31/2022	5	SeqNo: 3	135017	Units: <b>mg/</b> #	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	Organics (GRO)	ND	5.0								
Surr: BFB		870		1000		86.7	37.7	212			

Qualifiers:

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

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Roy SWD 3

**Project:** 

# **OC SUMMARY REPORT**

	08-Jun-22

Hall Env	vironmenta	l Analysis Laboratory, Inc.
Client:	EOG	

Sample ID: Ics-67777	Samp	ype: <b>LC</b>	S	Test	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 677	777	R	unNo: <b>88</b>	8377				
Prep Date: 5/29/2022	Analysis [	Date: 5/	31/2022	S	eqNo: 31	135071	Units: <b>mg/K</b>	g		
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	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.6	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	70	130			
Sample ID: mb-67777	Samp	Гуре: <b>МЕ</b>	BLK	Test	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 67	777	R	unNo: <b>88</b>	8377				
Client ID: <b>PBS</b> Prep Date: <b>5/29/2022</b>	Batc Analysis [	h ID: <b>67</b> Date: <b>5/</b>	777 31/2022	R	tunNo: <b>88</b> SeqNo: <b>3</b> 1	8377 135072	Units: <b>mg/K</b>	g		
Client ID: PBS Prep Date: 5/29/2022 Analyte	Batc Analysis [ Result	h ID: <b>67</b> 7 Date: <b>5/</b> 3 PQL	777 31/2022 SPK value	R S SPK Ref Val	tunNo: <b>88</b> SeqNo: <b>3</b> 1 %REC	8377 135072 LowLimit	Units: <b>mg/K</b> HighLimit	í <b>g</b> %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 5/29/2022 Analyte Benzene	Batc Analysis I Result ND	h ID: <b>67</b> Date: <b>5/</b> PQL 0.025	777 31/2022 SPK value	R S SPK Ref Val	aunNo: <b>88</b> SeqNo: <b>3</b> %REC	8377 135072 LowLimit	Units: <b>mg/K</b> HighLimit	íg %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 5/29/2022 Analyte Benzene Toluene	Batc Analysis I Result ND ND	h ID: 67 Date: 5/ PQL 0.025 0.050	777 31/2022 SPK value	R SPK Ref Val	2unNo: <b>88</b> SeqNo: <b>3</b> %REC	3377 135072 LowLimit	Units: <b>mg/K</b> HighLimit	í <b>g</b> %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 5/29/2022 Analyte Benzene Toluene Ethylbenzene	Batc Analysis I Result ND ND ND	h ID: 677 Date: 5/2 PQL 0.025 0.050 0.050	777 31/2022 SPK value	R SPK Ref Val	tunNo: 88 SeqNo: 31 %REC	3377 135072 LowLimit	Units: <b>mg/K</b> HighLimit	g %RPD	RPDLimit	Qual
Client ID: <b>PBS</b> Prep Date: <b>5/29/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batc Analysis I Result ND ND ND ND	h ID: 677 Date: 5/2 0.025 0.050 0.050 0.10	777 31/2022 SPK value	R SPK Ref Val	2unNo: 88 GeqNo: 31 %REC	3377 135072 LowLimit	Units: <b>mg/K</b> HighLimit	í <b>g</b> %RPD	RPDLimit	Qual

Qualifiers:

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

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WO#: 2205D06

Client ECG-Arterial / Ranger Env.     Diamate IA       Runn / Gitort ECG-Arterial / Ranger Env.     Diamate IA       Runn / Gitort ECG-Arterial / Ranger Env.     Diamate IA       Runn / Gitort ECG-Arterial / Ranger Env.     Diamate IA       Runn / Gitort ECG-Arterial / Ranger Env.     Diamate IA       Runn / Gitort ECG-Arterial / Ranger Env.     Diamate IA       Runn / Gitort ECG-Arterial / Ranger Env.     Diamate IA       Runn / Gitort ECG-Arterial / Ranger ECG-Arterial / Ranger / Ra	Chain-of-Custody Record	I urn-Around Time:	
Rest         Mail France         Mail France         Mail France           Mail Moness: EOO - 105 Staths: A Areana MAR 682/10         Rest         Rest         Anounce         Res         Anounce         Rest <t< td=""><td>Client: EOG-Artesia / Ranger Env.</td><td>C Standard &amp; Rush J-day TAT</td><td>ANAL VETE LANDRATORY</td></t<>	Client: EOG-Artesia / Ranger Env.	C Standard & Rush J-day TAT	ANAL VETE LANDRATORY
Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena Artena MM. B2010         Multing Jadness: EO 105 S 411 St. Artena Artena Jadness: EO 105 St. Artena Arten		Project Name:	
Ranger: PD Bac 201179         Austin TX 22720         Project # 5275           Phone #: EX1-333-1785         Phone #: EX1-333-1785         Phone #: EX1-333-1785           Phone #: EX1-333-1785         Phone #: EX1-333-1785         Phone #: EX1-333-1785           Phone #: EX1-333-1785         Phone #: EX1-333-1785         Phone #: EX1-333-1785           Phone #: EX1-333-1785         Phone #: EX1-333-1785         Phone #: EX1-333-1785           Sample:         M/L Ext. EX1         Phone #: EX1-2000           Accorditation         Phone #: EX1-2000         Phone #: EX1-2000           Accorditation         Phone #: EX1         # ELAC         Phone #: EX1           Accorditation         Phone #: EX1         # ELAC         Phone #: EX1         Phone #: EX1           Accorditation         Phone #: EX1         Ex1         Phone #: EX1         Phone #: EX1         Phone #: EX1           Accorditation         Phone #: EX1         Ex1         Phone #: EX1         Phone #: EX1         Phone #: EX1         Phone #: EX1           Accorditation         Phone #: EX1         Ex1         Phone #: EX1         Phone #: EX1         Phone #: EX1         Phone #: EX1           Accorditation         Phone #: EX1         Ex1         Phone #: EX1         Phone #: EX1         Phone #: EX1         Phone #: EX1	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Roy Swid #2	4901 Hawkins NE - Albuquerque NM 87109
Plone # 521:305-1186     Anthysis Request       email of Faser, WigRangefin, com     Polject Manager. W Kendorf       email of Faser, WigRangefin, com     Anthysis Request       erenditation.	Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Tel. 505-345-3975 Fax 505-345-4107
erration Facet WildeRongerEnv.com G. MC Padaege: G. MC Padaege: G. MC Padaege: Accentration: Accentration: Accentration: Accentration: Accentration: Bending:	Phone #: 521-335-1785		Analysis Request
Quoc Pacage:     Concor Pacage:<	email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	
Estandard     □ Level 4 (Full Validation)       Standard     □ Level 4 (Full Validation)       Nettation     Sampler       Nettation     Nettation       Nettation     Nettation       Nettation     Sampler       Nettation     Continuer       Nettation     Sample       Nettation     Continuer       Nettation     Continuer       Nettation     Continuer       Netation     Exertation       Netation     Sample       Netation     Netation        Netation	QA/QC Package:		4:39 08V
Screeditation: □ A2 Compliance  a Accorditation: □ A2 Compliance  a Metadata	Standard      Level 4 (Full Validation)		N / C
Stand     Container     EDO Types     EDO Types     EDO Types       EDO Types     EDO Types     EDO Types     EDO Types     EDO Types       EDO Types     EDO Types     EDO Types     EDO Types     EDO Types       Date     Time     Matrix     Sample     Name     Container       Presenvative     HEAL No.     Type and #     Type and #     Type       Strand     Iso     Type     N     N     N       Strand     Iso     Ex-2     N     N     N       Inst     Ex-2     N	Accreditation: 🛛 Az Compliance	Sampler: W. (Lenned)	<u>РМ</u>
EDD (Type)     Excel     # of Coolers: 1       Date     Time     Matrix     Sample Name     # of Coolers: 1       Container     Type and #     Type     Type     Type       Start     Exx     X     X     X     X       Start     Exx     Container     Type     Type     Type       Start     Exx     Container     Type     Type     Type       Start     Exx     X     X     X     Y       Inst     Exx     Container     Type     Type     Type       Inst     Exx     X     X     Y     Y     Y       Inst     Exx     X     X     X     Y     Y       Inst     Exx     X     X     Y     Y     Y       Inst     Exx     X     X     Y     Y     Y       Inst     Exx     X     X     Y     Y     Y       Inst     Exx     Y     Y     Y     Y	NELAC  Other	On Ice: Dr Yes DI No	0008
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Bate     Time     Matrix     Sample Name     Container       Preservative     Type and #     Type and #     Type and #       Sport     Ex-1     Ix v6zna, tcc     Date       Sport     Ex-2     N     N     N       Inc     Ex-2     N     N     N    <		Cooler Temp(including cr): U.1-0-2-U.1	5021 50(EF
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Ited     Ex-11     Cost     Itel       Itel     EW-2     EW-2       Itel     EW-3     Oto       Itel     EW-3       Itel	(107 5×-17)	200	
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Client Eco. Arterial Arange Env.         Client Eco. Arana Arabia Brancom Eco.         Client Eco.         Arabia Brancom Eco.         Client Eco.         Arabia Brancom Eco.         Client Eco.         Arabia Brancom Eco.         Client Eco.         Arabia Brancom Eco.         Client Eco.         Arabia Brancom Eco.         Client Eco.         Arabia Brancom Eco.         Client Eco.         Arabia Brancom Eco. <t< th=""><th>Chain-of-Custody Record</th><th>Turn-Around Time:</th><th></th></t<>	Chain-of-Custody Record	Turn-Around Time:	
Mailing Autors ECD - 105 Starts, Artena MM, 62200     Project R, 5273     Project R, 5273       Mailing Autors ECD - 105 Starts, Artena MM, 6270     Project R, 5273     Face 603-345-917       Prone # 521-325-125     Project R, 5273     Face 603-345-917       Prone # 521-325-125     Project R, 5273     Face 603-345-917       Prone # 521-325-125     Project R, 5273     Face 603-345-917       Outor # 521-325-125     Project R, 5274     Project R, 5274       Outor # 600     Ontor     Project R, 5274     Project R, 5274       Date Time Matrix Sample Name     Container     Presentative HEAL No.     Presentative HEAL No.       Date Time Matrix Sample Name     Container     Presentative HEAL No.     Project R, 5274       Date Time Matrix Sample Name     Container     Presentative HEAL No.     Presentative HEAL No.       Date Time Matrix Sample Name     Container     Presentative HEAL No.     Presentative HEAL No.       Date Time Matrix Sample Name     Container     Presentative HEAL No.     Presentative HEAL No.       Date Time Matrix Sample Name <td< td=""><td>Client: EOG-Artesia / Ranger Env.</td><td>C Standard &amp; Rush 5-duy 7.47</td><td>AALL ENVIRONMENTAL</td></td<>	Client: EOG-Artesia / Ranger Env.	C Standard & Rush 5-duy 7.47	AALL ENVIRONMENTAL
Mailing Jonness: EDC - 105 S4115, Ariena MM. 62710     Project #: 5375     Project #: 5375     Project #: 5375       Ranger: PO Box 20117, Main TX.70220     Project #: 5375     Project #: 5375     Project #: 5375       Ranger: OB 2001710, Main TX.70220     Project #: 5375     Project #: 5375     Project #: 5375       Ranger: OB 2001710, Main TX.70220     Project #: 5375     Project #: 5375     Project #: 5375       Ranger: OB 2001710, Main TX.70220     Project #: 5375     Project #: 5375     Project #: 5375       Ranger: OB 200170, Main TX.70220     Project #: 5375     Project #: 5375     Project #: 5375       Ranger: OL Compliance     Oxto: Present #: Preservative     Project #: 5375     Project #: 5375       Bandingt:		Project Name:	
Reger: TO Bix 20119, Austin X 77270     Project #. 5375     Tel. 600-3063-071       Pinone #: 221-305-1196     Pinone #: 221-305-1196     Pinone #: 221-305-1196       Pinone #: 221-305-1196     Pinone #: 221-305-1196     Pinone #: 221-305-1196       Pinone #: 221-305-1196     Pinone #: 221-305-1196     Pinone #: 221-305-1196       Pinone #: 221-305-1196     Pinone #: 221-305-1196     Pinone #: 221-305-1196       Pinone #: 2010     Pinone #: 221-305-1196     Pinone #: 221-305-1196       Pinone #: 2010     Pinone #: 221-305-1196     Pinone #: 221-305-1196       Pinone #: 2010     Pinone #: 221-305-1196     Pinone #: 221-305-1106       Pinone #: 2010     Pinone #: 221-305-1196     Pinone #: 221-305-1106       Pinone #: 2010     Pinone #: 221-305-1106     Pinone #: 221-305-1106       Pinone #: 2010     Pinone #: 221-305-1106     Pinone #: 221-305-1106       Pinone #: 2010     Pinone #: 720-2006     Pinone #: 720-2006       Pinone #: 720-2006     Pinone #: 720-2006     Pinone #: 720-2006       Pinone #: 720-2006     Pinone #: 720-2006     Pinone #: 720-2006       Pinone #: 720-2006     Pinone #: 720-2006     Pinone #: 720-2006       Pinone #: 720-2006     Pinone #: 720-2006     Pinone #: 720-2006       Pinone #: 720-2007     Pinone #: 720-2006     Pinone #: 720-2006       Pinone #: 720-2006     Pinone #: 720-2006     <	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210		
Proce # 521-305-1195         Analysis Request           Proce # 521-305-1195         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort           0.010         # Stor Frazegi         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort           0.010         # Stor Frazegi         # Complexition         Project Manager: W. Kendort         Project Manager: W. Kendort           Accordination         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort           Accordination         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort           Accordination         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort           Accordination         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort           Accordination         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort           Accordination         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W. Kendort         Project Manager: W.	Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Tel 505-345-3975 Eav 505-345-4107
erral or Facet: Mull@RangerEnv.com erral or Facet: Mull@RangerEnv.com erral or Facet: Mull@RangerEnv.com accol Paciety accol Pac	Phone #: 521-335-1785		Analysis Request
Okot C Pedege: <ul> <li></li></ul>	email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	
Accordination Accompliance Sector Accompliance Ac	QA/QC Package:	~	(оям
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EDD (Type)     Econ     # of Coolers' I       Date     Time     Matrix     Sample     # of Coolers' I       Date     Time     Matrix     Sample Name     Freewrative       Date     Time     Matrix     Sample Name     Path       Date     Time     Remarks. Bill to EOG Artesia       Date     Time     Remarks. Not subcontexed for provement on the anterest of the provement on the anterest of the provement on the anterest of the		Sampler: On Ice: ⊠Yes □ No	00) ) / DŁ
Date     Time     Matrix     Sample Name     Container     Preservative     HEAL NO.     Container       Visco     0013     X     X     X     X     X     X       Visco     013     X     X     X     X     X       Visco     Visco     Visco     Visco     Visco     Visco     Visco       Matrix     Visco     Visco     Visco     Visco     Visco     Visco       Matrix     Visco     Visco     Visco     Visco     Visco     Visco       Matrix     Visco     Visco     Visco     Visco     Visco     Vi	EDD (Type) Excel	# of Coolers: 1	о С С С С С С С С С С С С С С С С С С С
Date     Time     Matrix     Sample Name     Container     Preservative     HEAL No.     K = 1     No.       Matrix     Sample Name     Type and #     Type     Type     Dir     Dir     Dir     Dir       Matrix     Sample Name     Type and #     Type     Dir     Dir     Dir     Dir     Dir       Matrix     Sample Name     Container     Dir     Dir     Dir     Dir     Dir       Matrix     Edw. G.     Dir     Dir     Dir     Dir     Dir     Dir       Matrix     Edw. G.     Dir     Dir     Dir     Dir     Dir     Dir       Matrix     Reinquisted by:     Edword by:     Dire     Dire     Remarks. Bill to EOG Artesia       Matrix     Matrix     Matrix     Dire     Dire     Dire     Dire       Matrix     Matrix     Matrix     Dire     Dire     Dire     Dire		Cooler Temp(Induding CF): H. 1-0 2 4.1	021) (EP
11/2       50.1       E.W 6       0.3       X × X       1	Date Time Matrix Sample Name	ContainerPreservativeHEAL No.Type70.05006	BTEX (8 TPH:801 Chloride
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The second by:         Control of a base         Control of a babase         Control of a base	-		
Image: Second			
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Date:     Time:     Relinquished by:     Via:     Date     Time       STAPE     IO     IO     IO     IO     IO       Alto     ITIME     Reinquished by:     Via:     Date     Time       Pate     Time     Reinquished by:     Via:     Date     Time       Pate     Time     Remarks: Bill to EOG Artesia     IO     IO       Mino     Mino     Mino     Mino     IO     IO       Mino     Mino     Mino     Mino     Mino     IO       Mino     Mino     Mino     Mino     Mino     IO       Mino     Mino     Mino     Mino     Mino     IO			
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Date:     Time:     Reinquished by:     Received by:     Via:     Date     Time       S1234     fo 30     N     K     Remarks: Bill to EOG Artesia       Pate:     Time:     Reinquished by:     Via:     Date     Time       S1234     fo 30     N     K     K     M       Pate:     Time:     Reinquished by:     Via:     Date     Time       Pate:     Time:     Reinquished by:     Cond. Covie. ShS/2.2     CBC       M     M.M     M.M     M     M     M			
Date:     Time:     Relinquished by:     Na:     Date     Time       S1274     10     1     1     1     1       S1274     10     20     1     1     1       S1274     10     20     1     1     1       S1274     10     30     1     1     1       S1274     10     1     1     1     1       S1274     1     1     1     1     1       S1274     1     1     1     1     1       S1275     1     1     1     1     1       In Ince:     1     1     1     1     1       Incessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted on the analytical reported to the analytical reporte			
Date:       Time:       Relinquished by:       Received by:       Via:       Date       Time         SV24       fo 3c       N       K       K       M			
Date:       Time:       Relinquished by:       Received by:       Via:       Date       Time       Remarks:       Bill to EOG Artesia         S124       fo 30       N       N       M			
Alter.     Inter-     Interinduction by.     Via:     Use interinduction by.       S127     10 30     N. K. K. M.     Enterinduction by.     Mathematical Bill to EOG Artesia       Pate:     Time:     Relinquished by.     Na:     Date     Time.       M     M     M.     Mathematical Bill to EOG Artesia       If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical reported on the analytical re	Dato: Timo: Delianitabed bu		
$\left\  \mathcal{M} \right\ _{\mathcal{M}} \left\  \mathcal{M} \right\ _{\mathcal{M}} \left\  \mathcal{M} \right\ _{\mathcal{M}} \left\  \mathcal{M} \right\ _{\mathcal{M}} \right\ _{\mathcal{M}} \left\  \mathcal{M} \right\ _{\mathcal{M}} $	5/27/2 to 30 N. Relinquished by:	Received by: Via: Vate line UMUUUUU John 1030	Remarks: Bill to EOG Artesia
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical repol	PAT 200 GAMAN	CMC (DUNER SP8/20 (3800)	9
	If necessary, samples submitted to Hall Environmental may be subc	contracted to other accredited laboratories. This serves as notice of th	this possibility. Any sub-contracted data will be clearly notated on the analytical report

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental An Albuqu TEL: 505-345-3975 FA Website: www.haller	alysis Lab 1901 Hawl erque, NM X: 505-34 wironment	oratory kins NE 187109 <b>Sa</b> 5-4107 tal.com	mple Log-In Check List
Client Name: EOG	Work Order Number: 22	205D06		RcptNo: 1
Received By: Cheyenne Cason 5/2	28/2022 8:00:00 AM		chul	
Completed By: Cheyenne Cason 5/2 Reviewed By: (n) 05/28/2022	28/2022 8:37:46 AM		Chul	
Chain of Custody				
1. Is Chain of Custody complete?	Ye	es 🗸	No 🗌	Not Present
2. How was the sample delivered?	Co	ourier		
Log In		1.10		
3. Was an attempt made to cool the samples?	Ye	s 🗸	No 🗌	NA 🗌
4. Were all samples received at a temperature of >(	0° C to 6.0°C Ye	s 🔽	No 🗌	
5. Sample(s) in proper container(s)?	Ye	s 🔽	No 🗌	
6. Sufficient sample volume for indicated test(s)?	Yes		No 🗌	
7. Are samples (except VOA and ONG) properly pres	served? Yes		No 🗌	
8. Was preservative added to bottles?	Yes	•	No 🗹	NA 🗌
9. Received at least 1 vial with headspace <1/4" for A	AQ VOA? Yes		No 🗌	
10. Were any sample containers received broken?	Ye	s 🗆	No 🔽	
				# of preserved
11. Does paperwork match bottle labels?	Yes		No 🗌	for pH:
(Note discrepancies on chain of custody)	1.0			(<2 or 12 unless noted)
13. Is it clear what analyses were requested?	ay? Yes			Adjusted
14. Were all holding times able to be mot?	Yes			
(If no, notify customer for authorization.)	Yes		No 🗌	Checked by MC ST2812
Special Handling (if applicable)				
15. Was client notified of all discrepancies with this or	der? Yes	<b>.</b>	No 🗌	NA 🔽
Person Notified:	Date:			
By Whom:	Via: 🗌 eN	1ail 🗌 F	Phone 🗌 Fax	In Person
Regarding:				
Client Instructions:				
16. Additional remarks:				
17. Cooler Information				
Cooler No Temp °C Condition Seal Inte 1 4.1 Good Not Prese	act Seal No Seal E	Date	Signed By	

Page 1 of 1



June 13, 2022

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2206300

RE: Roy SWD 3

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 19 sample(s) on 6/7/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT: EOG Client Sample ID: EX-12							
Project:	Roy SWD 3		(	Collection Dat	e: 6/3	3/2022 9:02:00 AM	
Lab ID:	2206300-001	Matrix: SOIL		<b>Received Dat</b>	e: 6/7	7/2022 7:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analys	t: NAI
Chloride		670	60	mg/Kg	20	6/9/2022 8:27:10 PM	68025
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 1:44:11 PM	67958
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	6/8/2022 1:44:11 PM	67958
Surr: I	DNOP	98.8	51.1-141	%Rec	1	6/8/2022 1:44:11 PM	67958
ΕΡΑ ΜΕΊ	THOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	6/8/2022 8:45:08 PM	67947
Surr: I	BFB	89.4	37.7-212	%Rec	1	6/8/2022 8:45:08 PM	67947
ΕΡΑ ΜΕΊ	THOD 8021B: VOLATILES					Analys	t: NSB
Benzene	•	ND	0.025	mg/Kg	1	6/8/2022 8:45:08 PM	67947
Toluene		ND	0.050	mg/Kg	1	6/8/2022 8:45:08 PM	67947
Ethylben	izene	ND	0.050	mg/Kg	1	6/8/2022 8:45:08 PM	67947
Xylenes,	Total	ND	0.099	mg/Kg	1	6/8/2022 8:45:08 PM	67947
Surr: 4	4-Bromofluorobenzene	91.7	70-130	%Rec	1	6/8/2022 8:45:08 PM	67947

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	K-13	
Project:	Roy SWD 3		(	Collection Date	e: 6/3	3/2022 9:04:00 AM	
Lab ID:	2206300-002	Matrix: SOIL		Received Date	e: 6/7	7/2022 7:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analysi	: NAI
Chloride		640	60	mg/Kg	20	6/9/2022 9:04:12 PM	68025
EPA MET	HOD 8015M/D: DIESEL RAM	NGE ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 2:56:07 PM	67958
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	6/8/2022 2:56:07 PM	67958
Surr: [	DNOP	93.4	51.1-141	%Rec	1	6/8/2022 2:56:07 PM	67958
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/8/2022 11:06:10 PM	67947
Surr: E	3FB	92.6	37.7-212	%Rec	1	6/8/2022 11:06:10 PM	67947
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.024	mg/Kg	1	6/8/2022 11:06:10 PM	67947
Toluene		ND	0.048	mg/Kg	1	6/8/2022 11:06:10 PM	67947
Ethylben	zene	ND	0.048	mg/Kg	1	6/8/2022 11:06:10 PM	67947
Xylenes,	Total	ND	0.096	mg/Kg	1	6/8/2022 11:06:10 PM	67947
Surr: 4	1-Bromofluorobenzene	90.4	70-130	%Rec	1	6/8/2022 11:06:10 PM	67947

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-14							
Project:	Roy SWD 3		(	Collection Dat	e: 6/3	3/2022 9:08:00 AM			
Lab ID:	2206300-003	Matrix: SOIL	Matrix: SOIL         Received Date: 6/7/2022 7:00:00 AM						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	: NAI		
Chloride		450	60	mg/Kg	20	6/9/2022 9:16:34 PM	68025		
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	ED		
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 3:20:00 PM	67958		
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	6/8/2022 3:20:00 PM	67958		
Surr: [	ONOP	103	51.1-141	%Rec	1	6/8/2022 3:20:00 PM	67958		
ЕРА МЕТ	HOD 8015D: GASOLINE RAI	NGE				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 12:16:31 AM	67947		
Surr: E	SFB	90.2	37.7-212	%Rec	1	6/9/2022 12:16:31 AM	67947		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Benzene		ND	0.024	mg/Kg	1	6/9/2022 12:16:31 AM	67947		
Toluene		ND	0.048	mg/Kg	1	6/9/2022 12:16:31 AM	67947		
Ethylben	zene	ND	0.048	mg/Kg	1	6/9/2022 12:16:31 AM	67947		
Xylenes,	Total	ND	0.097	mg/Kg	1	6/9/2022 12:16:31 AM	67947		
Surr: 4	4-Bromofluorobenzene	91.5	70-130	%Rec	1	6/9/2022 12:16:31 AM	67947		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-15							
Project:	Roy SWD 3		(	Collection Dat	e: 6/3	3/2022 9:10:00 AM			
Lab ID:	2206300-004	Matrix: SOIL		<b>Received Dat</b>	e: 6/7	7/2022 7:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analysi	: NAI		
Chloride		550	60	mg/Kg	20	6/9/2022 9:28:55 PM	68025		
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	: ED		
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 3:43:57 PM	67958		
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	6/8/2022 3:43:57 PM	67958		
Surr: [	ONOP	88.9	51.1-141	%Rec	1	6/8/2022 3:43:57 PM	67958		
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RAM	NGE				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 12:39:53 AM	67947		
Surr: E	3FB	90.9	37.7-212	%Rec	1	6/9/2022 12:39:53 AM	67947		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Benzene		ND	0.024	mg/Kg	1	6/9/2022 12:39:53 AM	67947		
Toluene		ND	0.049	mg/Kg	1	6/9/2022 12:39:53 AM	67947		
Ethylben	zene	ND	0.049	mg/Kg	1	6/9/2022 12:39:53 AM	67947		
Xylenes,	Total	ND	0.097	mg/Kg	1	6/9/2022 12:39:53 AM	67947		
Surr: 4	4-Bromofluorobenzene	90.6	70-130	%Rec	1	6/9/2022 12:39:53 AM	67947		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG		Cli	ient Sample II	): EX	Κ-16	
Project:	Roy SWD 3		(	Collection Date	e: 6/3	3/2022 9:12:00 AM	
Lab ID:	2206300-005	Matrix: SOIL		Received Date	e: 6/7	7/2022 7:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI
Chloride		510	60	mg/Kg	20	6/9/2022 9:41:15 PM	68025
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 4:07:45 PM	67958
Motor Oi	Range Organics (MRO)	ND	47	mg/Kg	1	6/8/2022 4:07:45 PM	67958
Surr: [	DNOP	91.2	51.1-141	%Rec	1	6/8/2022 4:07:45 PM	67958
EPA MET	THOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	6/9/2022 1:03:18 AM	67947
Surr: E	BFB	89.6	37.7-212	%Rec	1	6/9/2022 1:03:18 AM	67947
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene		ND	0.025	mg/Kg	1	6/9/2022 1:03:18 AM	67947
Toluene		ND	0.050	mg/Kg	1	6/9/2022 1:03:18 AM	67947
Ethylben	zene	ND	0.050	mg/Kg	1	6/9/2022 1:03:18 AM	67947
Xylenes,	Total	ND	0.099	mg/Kg	1	6/9/2022 1:03:18 AM	67947
Surr: 4	4-Bromofluorobenzene	90.9	70-130	%Rec	1	6/9/2022 1:03:18 AM	67947

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-17						
Project:	Roy SWD 3			Collection Dat	<b>e:</b> 6/3	3/2022 9:15:00 AM		
Lab ID:	2206300-006	Matrix: SOIL		<b>Received Dat</b>	e: 6/7	7/2022 7:00:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analys	t: NAI	
Chloride		540	60	mg/Kg	20	6/9/2022 9:53:36 PM	68025	
EPA MET	THOD 8015M/D: DIESEL RANG	E ORGANICS				Analys	t: ED	
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 4:31:28 PM	67958	
Motor Oi	l Range Organics (MRO)	ND	47	mg/Kg	1	6/8/2022 4:31:28 PM	67958	
Surr: [	DNOP	90.5	51.1-141	%Rec	1	6/8/2022 4:31:28 PM	67958	
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RANG	GE				Analys	t: NSB	
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 1:26:38 AM	67947	
Surr: E	BFB	86.3	37.7-212	%Rec	1	6/9/2022 1:26:38 AM	67947	
ΕΡΑ ΜΕΤ	THOD 8021B: VOLATILES					Analys	t: NSB	
Benzene		ND	0.025	mg/Kg	1	6/9/2022 1:26:38 AM	67947	
Toluene		ND	0.049	mg/Kg	1	6/9/2022 1:26:38 AM	67947	
Ethylben	izene	ND	0.049	mg/Kg	1	6/9/2022 1:26:38 AM	67947	
Xylenes,	Total	ND	0.099	mg/Kg	1	6/9/2022 1:26:38 AM	67947	
Surr: 4	4-Bromofluorobenzene	89.4	70-130	%Rec	1	6/9/2022 1:26:38 AM	67947	

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-18							
Project:	Roy SWD 3		(	Collection Dat	e: 6/3	3/2022 9:17:00 AM			
Lab ID:	2206300-007	Matrix: SOIL		<b>Received Dat</b>	e: 6/7	7/2022 7:00:00 AM			
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI		
Chloride		460	61	mg/Kg	20	6/9/2022 10:05:56 PM	68025		
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED:		
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 4:55:12 PM	67958		
Motor Oi	il Range Organics (MRO)	ND	50	mg/Kg	1	6/8/2022 4:55:12 PM	67958		
Surr: I	DNOP	89.1	51.1-141	%Rec	1	6/8/2022 4:55:12 PM	67958		
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB		
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 1:50:05 AM	67947		
Surr: I	BFB	88.0	37.7-212	%Rec	1	6/9/2022 1:50:05 AM	67947		
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	9	ND	0.024	mg/Kg	1	6/9/2022 1:50:05 AM	67947		
Toluene		ND	0.048	mg/Kg	1	6/9/2022 1:50:05 AM	67947		
Ethylben	zene	ND	0.048	mg/Kg	1	6/9/2022 1:50:05 AM	67947		
Xylenes,	, Total	ND	0.096	mg/Kg	1	6/9/2022 1:50:05 AM	67947		
Surr: 4	4-Bromofluorobenzene	89.2	70-130	%Rec	1	6/9/2022 1:50:05 AM	67947		

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

Qualifiers:

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-21							
Project:	Roy SWD 3		(	Collection Dat	e: 6/3	3/2022 10:31:00 AM			
Lab ID:	2206300-008	Matrix: SOIL		<b>Received Date</b>	e: 6/7	7/2022 7:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analysi	: NAI		
Chloride		780	60	mg/Kg	20	6/9/2022 10:42:59 PM	68005		
EPA MET	HOD 8015M/D: DIESEL RANG	<b>SE ORGANICS</b>				Analyst	t: ED		
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 5:19:04 PM	67958		
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	6/8/2022 5:19:04 PM	67958		
Surr: [	DNOP	93.5	51.1-141	%Rec	1	6/8/2022 5:19:04 PM	67958		
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE RAN	GE				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 2:13:24 AM	67947		
Surr: E	3FB	93.7	37.7-212	%Rec	1	6/9/2022 2:13:24 AM	67947		
ΕΡΑ ΜΕΤ	HOD 8021B: VOLATILES					Analyst	: NSB		
Benzene		ND	0.025	mg/Kg	1	6/9/2022 2:13:24 AM	67947		
Toluene		ND	0.049	mg/Kg	1	6/9/2022 2:13:24 AM	67947		
Ethylben	zene	ND	0.049	mg/Kg	1	6/9/2022 2:13:24 AM	67947		
Xylenes,	Total	ND	0.098	mg/Kg	1	6/9/2022 2:13:24 AM	67947		
Surr: 4	4-Bromofluorobenzene	93.9	70-130	%Rec	1	6/9/2022 2:13:24 AM	67947		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG		Cl	ient Sample II	<b>):</b> EX	K-22			
Project:	Roy SWD 3		(	Collection Dat	e: 6/3	3/2022 10:17:00 AM			
Lab ID:	2206300-009	Matrix: SOIL	Matrix: SOIL         Received Date: 6/7/2022 7:00:00 AM						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI		
Chloride		410	60	mg/Kg	20	6/9/2022 10:55:20 PM	68005		
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	ED:		
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 5:42:53 PM	67958		
Motor Oi	Range Organics (MRO)	ND	46	mg/Kg	1	6/8/2022 5:42:53 PM	67958		
Surr: I	DNOP	84.8	51.1-141	%Rec	1	6/8/2022 5:42:53 PM	67958		
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 2:36:43 AM	67947		
Surr: I	BFB	89.3	37.7-212	%Rec	1	6/9/2022 2:36:43 AM	67947		
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB		
Benzene		ND	0.024	mg/Kg	1	6/9/2022 2:36:43 AM	67947		
Toluene		ND	0.048	mg/Kg	1	6/9/2022 2:36:43 AM	67947		
Ethylben	zene	ND	0.048	mg/Kg	1	6/9/2022 2:36:43 AM	67947		
Xylenes,	Total	ND	0.097	mg/Kg	1	6/9/2022 2:36:43 AM	67947		
Surr: 4	4-Bromofluorobenzene	92.5	70-130	%Rec	1	6/9/2022 2:36:43 AM	67947		

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

Qualifiers:

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

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Hall	<b>Environmental</b>	Analysis	Laboratory,	Inc.
			,	

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-23							
Project:	Roy SWD 3			Collection Dat	e: 6/3	3/2022 10:20:00 AM			
Lab ID:	2206300-010	Matrix: SOIL		<b>Received Date</b>	e: 6/7	7/2022 7:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	: NAI		
Chloride		680	60	mg/Kg	20	6/9/2022 11:32:22 PM	68005		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED		
Diesel Ra	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 6:06:38 PM	67958		
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	6/8/2022 6:06:38 PM	67958		
Surr: [	ONOP	91.1	51.1-141	%Rec	1	6/8/2022 6:06:38 PM	67958		
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 3:00:06 AM	67947		
Surr: E	3FB	91.0	37.7-212	%Rec	1	6/9/2022 3:00:06 AM	67947		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Benzene		ND	0.024	mg/Kg	1	6/9/2022 3:00:06 AM	67947		
Toluene		ND	0.048	mg/Kg	1	6/9/2022 3:00:06 AM	67947		
Ethylben	zene	ND	0.048	mg/Kg	1	6/9/2022 3:00:06 AM	67947		
Xylenes,	Total	ND	0.096	mg/Kg	1	6/9/2022 3:00:06 AM	67947		
Surr: 4	4-Bromofluorobenzene	91.4	70-130	%Rec	1	6/9/2022 3:00:06 AM	67947		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG		Cl	ient Sample II	<b>D:</b> EX	K-24	
Project:	Roy SWD 3		(	Collection Dat	<b>e:</b> 6/3	3/2022 10:24:00 AM	
Lab ID:	2206300-011	Matrix: SOIL		<b>Received Date</b>	<b>e:</b> 6/7	7/2022 7:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI
Chloride		280	60	mg/Kg	20	6/9/2022 11:44:44 PM	68005
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED:
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 6:30:27 PM	67958
Motor Oi	il Range Organics (MRO)	ND	50	mg/Kg	1	6/8/2022 6:30:27 PM	67958
Surr: I	DNOP	88.2	51.1-141	%Rec	1	6/8/2022 6:30:27 PM	67958
EPA MET	THOD 8015D: GASOLINE RANGI	E				Analyst	: NSB
Gasoline	e Range Organics (GRO)	ND	4.6	mg/Kg	1	6/9/2022 3:23:30 AM	67947
Surr: I	BFB	89.2	37.7-212	%Rec	1	6/9/2022 3:23:30 AM	67947
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB
Benzene	9	ND	0.023	mg/Kg	1	6/9/2022 3:23:30 AM	67947
Toluene		ND	0.046	mg/Kg	1	6/9/2022 3:23:30 AM	67947
Ethylben	izene	ND	0.046	mg/Kg	1	6/9/2022 3:23:30 AM	67947
Xylenes,	Total	ND	0.093	mg/Kg	1	6/9/2022 3:23:30 AM	67947
Surr: 4	4-Bromofluorobenzene	91.8	70-130	%Rec	1	6/9/2022 3:23:30 AM	67947

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-25Collection Date: 6/3/2022 10:27:00 AMMatrix: SOILReceived Date: 6/7/2022 7:00:00 AM					
Project:	Roy SWD 3						
Lab ID:	2206300-012						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analysi	: NAI
Chloride		450	60	mg/Kg	20	6/9/2022 11:57:05 PM	68005
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 6:54:16 PM	67958
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	6/8/2022 6:54:16 PM	67958
Surr: [	ONOP	82.3	51.1-141	%Rec	1	6/8/2022 6:54:16 PM	67958
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	6/9/2022 4:10:25 AM	67947
Surr: E	3FB	89.0	37.7-212	%Rec	1	6/9/2022 4:10:25 AM	67947
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene		ND	0.023	mg/Kg	1	6/9/2022 4:10:25 AM	67947
Toluene		ND	0.046	mg/Kg	1	6/9/2022 4:10:25 AM	67947
Ethylben	zene	ND	0.046	mg/Kg	1	6/9/2022 4:10:25 AM	67947
Xylenes,	Total	ND	0.092	mg/Kg	1	6/9/2022 4:10:25 AM	67947
Surr: 4	4-Bromofluorobenzene	90.8	70-130	%Rec	1	6/9/2022 4:10:25 AM	67947

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

<b>CLIENT:</b>	EOG		Client Sample ID: EW-9							
Project:	Roy SWD 3		Collection Date: 6/3/2022 11:02:00 AM							
Lab ID:	2206300-013	Matrix: SOIL	7/2022 7:00:00 AM							
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analysi	: NAI			
Chloride		340	60	mg/Kg	20	6/10/2022 12:09:25 AN	68005			
EPA ME	THOD 8015M/D: DIESEL RAI	NGE ORGANICS				Analyst	: ED			
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 7:18:13 PM	67958			
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	6/8/2022 7:18:13 PM	67958			
Surr: I	DNOP	83.0	51.1-141	%Rec	1	6/8/2022 7:18:13 PM	67958			
EPA MET	THOD 8015D: GASOLINE RA	NGE				Analyst	: NSB			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 4:34:01 AM	67947			
Surr: I	BFB	91.0	37.7-212	%Rec	1	6/9/2022 4:34:01 AM	67947			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene	•	ND	0.025	mg/Kg	1	6/9/2022 4:34:01 AM	67947			
Toluene		ND	0.049	mg/Kg	1	6/9/2022 4:34:01 AM	67947			
Ethylben	izene	ND	0.049	mg/Kg	1	6/9/2022 4:34:01 AM	67947			
Xylenes,	Total	ND	0.099	mg/Kg	1	6/9/2022 4:34:01 AM	67947			
Surr: 4	4-Bromofluorobenzene	90.4	70-130	%Rec	1	6/9/2022 4:34:01 AM	67947			

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EW-10 Collection Date: 6/3/2022 11:05:00 AM							
Project:	Roy SWD 3								
Lab ID:	2206300-014	Matrix: SOIL		Received Date	e: 6/7	7/2022 7:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI		
Chloride		290	61	mg/Kg	20	6/10/2022 12:21:46 AM	68005		
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED		
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 7:42:00 PM	67958		
Motor Oi	Range Organics (MRO)	ND	48	mg/Kg	1	6/8/2022 7:42:00 PM	67958		
Surr: [	DNOP	87.7	51.1-141	%Rec	1	6/8/2022 7:42:00 PM	67958		
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 4:57:31 AM	67947		
Surr: E	BFB	90.7	37.7-212	%Rec	1	6/9/2022 4:57:31 AM	67947		
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB		
Benzene		ND	0.024	mg/Kg	1	6/9/2022 4:57:31 AM	67947		
Toluene		ND	0.048	mg/Kg	1	6/9/2022 4:57:31 AM	67947		
Ethylben	zene	ND	0.048	mg/Kg	1	6/9/2022 4:57:31 AM	67947		
Xylenes,	Total	ND	0.096	mg/Kg	1	6/9/2022 4:57:31 AM	67947		
Surr: 4	4-Bromofluorobenzene	92.3	70-130	%Rec	1	6/9/2022 4:57:31 AM	67947		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

<b>CLIENT:</b>	EOG	Client Sample ID: EW-11							
Project:	Roy SWD 3	Collection Date: 6/3/2022 11:10:00 AM							
Lab ID:	2206300-015	Matrix: SOIL         Received Date: 6/7/2022 7:00:00 A							
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI		
Chloride		270	60	mg/Kg	20	6/10/2022 12:34:07 AM	68005		
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED		
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 8:05:51 PM	67958		
Motor Oil Range Organics (MRO)		ND	49	mg/Kg	1	6/8/2022 8:05:51 PM	67958		
Surr: I	DNOP	69.0	51.1-141	%Rec	1	6/8/2022 8:05:51 PM	67958		
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	: NSB		
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 5:21:00 AM	67947		
Surr: I	BFB	90.1	37.7-212	%Rec	1	6/9/2022 5:21:00 AM	67947		
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	9	ND	0.024	mg/Kg	1	6/9/2022 5:21:00 AM	67947		
Toluene		ND	0.048	mg/Kg	1	6/9/2022 5:21:00 AM	67947		
Ethylben	izene	ND	0.048	mg/Kg	1	6/9/2022 5:21:00 AM	67947		
Xylenes,	Total	ND	0.096	mg/Kg	1	6/9/2022 5:21:00 AM	67947		
Surr: 4	4-Bromofluorobenzene	90.4	70-130	%Rec	1	6/9/2022 5:21:00 AM	67947		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT: EOG			Client Sample ID: EW-12							
Project:	Roy SWD 3		Collection Date: 6/3/2022 11:13:00 AM							
Lab ID:	2206300-016	Matrix: SOIL         Received Date: 6/7/2022 7:00:00 AM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI			
Chloride		130	60	mg/Kg	20	6/10/2022 1:11:11 AM	68005			
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: ED			
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 8:29:42 PM	67958			
Motor Oil Range Organics (MRO)		ND	49	mg/Kg	1	6/8/2022 8:29:42 PM	67958			
Surr: I	DNOP	74.6	51.1-141	%Rec	1	6/8/2022 8:29:42 PM	67958			
EPA MET	THOD 8015D: GASOLINE RA	NGE				Analyst	: NSB			
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 5:44:27 AM	67947			
Surr: I	BFB	87.3	37.7-212	%Rec	1	6/9/2022 5:44:27 AM	67947			
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB			
Benzene		ND	0.024	mg/Kg	1	6/9/2022 5:44:27 AM	67947			
Toluene		ND	0.048	mg/Kg	1	6/9/2022 5:44:27 AM	67947			
Ethylben	izene	ND	0.048	mg/Kg	1	6/9/2022 5:44:27 AM	67947			
Xylenes,	Total	ND	0.096	mg/Kg	1	6/9/2022 5:44:27 AM	67947			
Surr: 4	4-Bromofluorobenzene	88.3	70-130	%Rec	1	6/9/2022 5:44:27 AM	67947			

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

**Qualifiers:** 

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

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG		Cl	ient Sample II	D: EV	W-13		
Project:	Roy SWD 3		3/2022 11:17:00 AM					
Lab ID:	2206300-017	Matrix: SOIL		Received Date	ate: 6/7/2022 7:00:00 AM			
Analyses		Result	RL	RL Qual Units		DF Date Analyzed		
EPA MET	THOD 300.0: ANIONS					Analys	t: NAI	
Chloride		310	60	mg/Kg	20	6/10/2022 1:23:32 AM	68005	
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analys	t: ED	
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 8:53:31 PM	67958	
Motor Oi	il Range Organics (MRO)	ND	46	mg/Kg	1	6/8/2022 8:53:31 PM	67958	
Surr: I	DNOP	70.9	51.1-141	%Rec	1	6/8/2022 8:53:31 PM	67958	
EPA MET	THOD 8015D: GASOLINE RAM	IGE				Analys	t: NSB	
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	6/9/2022 6:08:03 AM	67947	
Surr: I	BFB	88.9	37.7-212	%Rec	1	6/9/2022 6:08:03 AM	67947	
EPA MET	THOD 8021B: VOLATILES					Analys	t: NSB	
Benzene	9	ND	0.024	mg/Kg	1	6/9/2022 6:08:03 AM	67947	
Toluene		ND	0.047	mg/Kg	1	6/9/2022 6:08:03 AM	67947	
Ethylben	izene	ND	0.047	mg/Kg	1	6/9/2022 6:08:03 AM	67947	
Xylenes,	Total	ND	0.094	mg/Kg	1	6/9/2022 6:08:03 AM	67947	
Surr: 4	4-Bromofluorobenzene	91.3	70-130	%Rec	1	6/9/2022 6:08:03 AM	67947	

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG	Client Sample ID: EX-29							
Project:	Roy SWD 3	Collection Date: 6/3/2022 12:28:00 PM							
Lab ID:	2206300-018	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 6/7	7/2022 7:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analysi	: NAI		
Chloride		290	60	mg/Kg	20	6/10/2022 2:00:34 AM	68005		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED		
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/8/2022 9:17:17 PM	67958		
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	6/8/2022 9:17:17 PM	67958		
Surr: [	ONOP	74.1	51.1-141	%Rec	1	6/8/2022 9:17:17 PM	67958		
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2022 6:31:33 AM	67947		
Surr: E	3FB	88.6	37.7-212	%Rec	1	6/9/2022 6:31:33 AM	67947		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Benzene		ND	0.024	mg/Kg	1	6/9/2022 6:31:33 AM	67947		
Toluene		ND	0.048	mg/Kg	1	6/9/2022 6:31:33 AM	67947		
Ethylben	zene	ND	0.048	mg/Kg	1	6/9/2022 6:31:33 AM	67947		
Xylenes,	Total	ND	0.095	mg/Kg	1	6/9/2022 6:31:33 AM	67947		
Surr: 4	4-Bromofluorobenzene	90.3	70-130	%Rec	1	6/9/2022 6:31:33 AM	67947		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206300

Date Reported: 6/13/2022

CLIENT:	EOG		Cl	ient Sample II	<b>):</b> EX	K-30		
Project:	Roy SWD 3	Collection Date: 6/3/2022 12:31:00 PM						
Lab ID:	2206300-019	Matrix: SOIL		7/2022 7:00:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst	: NAI	
Chloride		360	60	mg/Kg	20	6/10/2022 2:12:55 AM	68005	
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED:	
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/8/2022 9:41:05 PM	67958	
Motor Oi	Range Organics (MRO)	ND	50	mg/Kg	1	6/8/2022 9:41:05 PM	67958	
Surr: I	DNOP	70.9	51.1-141	%Rec	1	6/8/2022 9:41:05 PM	67958	
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	II NSB	
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/9/2022 6:55:06 AM	67947	
Surr: I	BFB	86.8	37.7-212	%Rec	1	6/9/2022 6:55:06 AM	67947	
EPA MET	THOD 8021B: VOLATILES					Analyst	: NSB	
Benzene		ND	0.025	mg/Kg	1	6/9/2022 6:55:06 AM	67947	
Toluene		ND	0.049	mg/Kg	1	6/9/2022 6:55:06 AM	67947	
Ethylben	zene	ND	0.049	mg/Kg	1	6/9/2022 6:55:06 AM	67947	
Xylenes,	Total	ND	0.099	mg/Kg	1	6/9/2022 6:55:06 AM	67947	
Surr: 4	4-Bromofluorobenzene	90.7	70-130	%Rec	1	6/9/2022 6:55:06 AM	67947	

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

**Qualifiers:** 

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

Page 19 of 23

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

IAKI KEPURI	WO#:	2206300
nmental Analysis Laboratory, Inc.		13-Jun-22

Client:	EOG									
Project:	Roy SWD	3								
Sample ID:	MB-68025	SampType: m	blk	Test	Code: EPA	Method 3	300.0: Anions			
Client ID:	PBS	Batch ID: 68	3025	R	unNo: 88636	6				
Prep Date:	6/9/2022	Analysis Date: 6	/9/2022	S	eqNo: <b>3146</b>	113	Units: mg/Kg	I		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Lo	owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-68025	SampType: Ic	S	Test	Code: EPA N	Method 3	300.0: Anions			
Client ID:	LCSS	Batch ID: 68	3025	R	unNo: 88636	6				
Prep Date:	6/9/2022	Analysis Date: 6	/9/2022	S	eqNo: <b>3146</b>	114	Units: mg/Kg	I		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Lo	owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	93.7	90	110			
Sample ID:	MB-68005	SampType: m	blk	Test	Code: EPA N	Method 3	300.0: Anions			
Client ID:	PBS	Batch ID: 68	3005	R	unNo: 88636	6				
Prep Date:	6/9/2022	Analysis Date: 6	/9/2022	S	eqNo: 3146	143	Units: mg/Kg	I		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Lo	owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5	;							
Sample ID:	LCS-68005	SampType: Ic	s	Test	Code: EPA N	Method 3	300.0: Anions			
Client ID:	LCSS	Batch ID: 68	3005	R	unNo: 88636	6				
Prep Date:	6/9/2022	Analysis Date: 6	/9/2022	S	eqNo: <b>3146</b>	144	Units: mg/Kg	I		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC Lo	owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	92.4	90	110			

Qualifiers:

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

Page 20 of 23

Hall Env	ironmental Analysis Laboratory, Inc.	WO#: 2206300 13-Jun-22
Client: Project:	EOG Roy SWD 3	

Sample ID: MB-67958	SampType: MBLK TestCode:			tCode: El	EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch	n ID: 679	958	F	RunNo: <b>8</b>	8561				
Prep Date: 6/7/2022	Analysis D	Date: 6/	8/2022	S	SeqNo: 3	144709	Units: <b>mg/K</b>	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		99.5	51.1	141			
Sample ID: LCS-67958	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Sample ID: LCS-67958 Client ID: LCSS	SampT Batch	ype: <b>LC</b>	S 958	Tes	tCode: El	PA Method 8561	8015M/D: Die	esel Range	e Organics	
Sample ID: LCS-67958 Client ID: LCSS Prep Date: 6/7/2022	SampT Batch Analysis D	ype: LC n ID: 679 Date: 6/	S 958 8/2022	Tes F S	tCode: El RunNo: 8 SeqNo: 3	PA Method 8561 144710	8015M/D: Die Units: mg/K	esel Range	e Organics	
Sample ID: LCS-67958 Client ID: LCSS Prep Date: 6/7/2022 Analyte	SampT Batch Analysis D Result	ype: <b>LC</b> n ID: <b>67</b> Date: <b>6</b> / PQL	<b>S</b> 958 8/2022 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 8 SeqNo: 3 %REC	PA Method 8561 144710 LowLimit	8015M/D: Die Units: <b>mg/K</b> HighLimit	esel Rango Gg %RPD	e Organics RPDLimit	Qual
Sample ID: LCS-67958 Client ID: LCSS Prep Date: 6/7/2022 Analyte Diesel Range Organics (DRO)	SampT Batch Analysis D Result 49	Type: LC n ID: 679 Date: 6/4 PQL 15	<b>S</b> 958 8/2022 SPK value 50.00	Tes F SPK Ref Val 0	tCode: El RunNo: 8 SeqNo: 3 %REC 98.2	PA Method 8561 144710 LowLimit 64.4	8015M/D: Did Units: mg/K HighLimit 127	esel Rango Xg %RPD	e Organics RPDLimit	Qual

#### **Qualifiers:**

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

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

	WO#:	2206300
onmental Analysis Laboratory, Inc.		13-Jun-22

Client: EOG										
Project: Roy S	WD 3									
Sample ID: Ics-67947	SampT	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS Batch ID: 67947		F	RunNo: <b>8</b>	8560						
Prep Date: 6/7/2022	Analysis D	Date: 6/	8/2022	5	SeqNo: 3	143805	Units: <b>mg/</b> #	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	72.3	137			
Surr: BFB	2100		1000		213	37.7	212			S
Sample ID: mb-67947	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batcl	h ID: 67	947	F	RunNo: <b>8</b>	8560				
Prep Date: 6/7/2022	Analysis D	Date: 6/	8/2022	5	SeqNo: 3	143807	Units: <b>mg/</b> #	ſg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		90.6	37.7	212			

Qualifiers:

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

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EOG

Roy SWD 3

**Client:** 

**Project:** 

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

WO#:	220630
	13-Jun-2

Sample ID: LCS-67947	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 67	947	F	RunNo: <b>8</b>	8560				
Prep Date: 6/7/2022	Analysis [	Date: 6/	8/2022	S	SeqNo: 3	143855	Units: <b>mg/k</b>	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.8	80	120			
Toluene	0.98	0.050	1.000	0	97.9	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.1	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.7	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	70	130			
Sample ID: mb-67947	Samp	Гуре: МЕ	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batc	h ID: 67	947	F	RunNo: <b>88560</b>					
Prep Date: 6/7/2022	Analysis [	Date: 6/	8/2022	S	SeqNo: 3	143857	Units: <b>mg/k</b>	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		90.4	70	130			

**Qualifiers:** 

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

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Received by	<b>OCD</b> :	7/20/2022	4:39:14 PM
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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Alba TEL: 505-345-3975 Website: www.ha	Analysis Lab 4901 Haw uguergue, NM FAX: 505-34 illenvironmen	oratory kins NE 187109 <b>Sa</b> 15-4107 tal.com	mple Log-In (	Check List
Client Name: EOG	Work Order Number	2206300		RcptNo	: 1
Received By: Cheyenne Cason	6/7/2022 7:00:00 AM	·	Chul		
Completed By: Cheyenne Cason Reviewed By: 6-7-2-2	6/7/2022 7:23:57 AM		Chul		
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present 🗌	
2. How was the sample delivered?		<u>Courier</u>			
Log In 3. Was an attempt made to cool the samples?		Yes 🗹	No 🗌		
4. Were all samples received at a temperature o	f >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 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	for pH:	r>12 unless noted)
12. Are matrices correctly identified on Chain of C	ustody?	Yes 🗹	No 🗌	Adjusted?	
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 🗌	Checked by:	mc 6/1122
Special Handling (if applicable)					
15. Was client notified of all discrepancies with th	is order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date:			· · · · · · · · · · · · · · · · · · ·	
By Whom:	Via: Ū	eMail	Phone 🗌 Fax	In Person	
Regarding:					
Client Instructions:			- <del>"</del> .		
16. Additional remarks:	······································	· · · · · · · · · · · · · · · · · · ·		····	L
17. <u>Cooler Information</u> Cooler No Temp °C Condition Sea 1 2.4 Good Not F	II Intact Seal No S Present	eal Date	Signed By	-	

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Page 1 of 1

,		(	- 1 -	Turn Around	Time.		_	. 1 06.	ፋ
		- - - - - - - - - - - - - - - - - - -	istoay kecora					HALL ENVIRONMENT	<b>AI</b>
Client:	EOG-Ari	tesia / Rar	nger Env.	Standard	j∦ Rush_	5 day EDG AA		ANALYSIS LABORATO	i γ
				Project Name	10 H 3			www.hallenvironmental.com	
Mailing	Address:	EOG - 105	S 4th St, Artesia NM, 88210	no hou			4901 H	awkins NE - Albuquerque, NM 87109	
Ranger	PO Box	201179, A	ustin TX 78720	Project #: 537	5		Tel. 50	5-345-3975 Fax 505-345-4107	
Phone	#: 521-3	35-1785						Analysis Request	
email (	or Fax#: \	<u>Will@Ran</u>	gerEnv.com	Project Mana	ger: W. Kierdo	orf	((		
QAQC	Package:						0 NKO		
∎ Sta	ndard		Level 4 (Full Validation)				N / C		
Accrec	litation: _AC	Az Co Other	mpliance	Sampler: J.	Mortine 7		00) ਮ ਹਮਕ		
EDI	D (Type)	Excel		# of Coolers			98 3 2ਸਟ (		
				Cooler Temp(	including CF) 25.0	140 J 200 1	021 6D((		
Ĺ	ŀ			Container	Preservative	HEALENO	8) X∃T 108:H 901ide		
Uate	Time	Matrix	Sample Name	I ype and #	1 ype	2206300	CL 115 115		
66/8/93	2050 -	5011	<b>ビリード</b> 2	1×402tr	I CE	la	XX X		
	0904	ļ	52-13			DL.			
	0108		EX-14			EC.			
	0410		EX-15			ъч			
	0912		EX-16		-	500			
	09 15		28-17			206			
	2150		EX-18			207			
	16 31		5x-21			80			
	10 17		64-23			29			
	1010		EX-23		)	210			
	hear		Ex - 24			110			
-\$	1027	1	٤ <i>۲ - عا</i> ح	*	•	212	7 4 4		
Date:	Time:	Relinquish	by:	Received by:	Via:	Date Time	Remarks: Bill	to EOG Artesia	
6/4/22	292	1.1	lurtinez	WWW	متملا	When and			
Date:	Time:	Relinquishe	ad by:	Received by:	Via: 1	Date Time			
@[a]))		DULU	m and	CMCC	OUVier 6	11/20 0700			
	If necessary	r, samples sub	mitted to Hall Environmental may be subc	contracted to other a	ccredited laboratorie	s. This serves as notice of the	nis possibility. Any s	ub-contracted data will be clearly notated on the analytical repor	

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J	Chain	-of-CL	ustody Record	Turn-Around	Time:				1			(		م ا ا	ຊີ	
Client:	EOG-Art	tesia / Ra	nger Env.	□ Standard	🖉 Rust	15 Bay EOG TAT			ĪĀ		SIS SIS	LAE LAE	NM NG		<b>A</b> B O R	. >
				Project Name								ontal c	Ę			
Mailing	Address:	EOG - 105	S 4th St, Artesia NM, 88210	Rey	5w0 # 3		-	4901 H	awkins	- HE		raue. N	M 8710	6		
Ranger	: PO Box 2	201179, A	ustin TX 78720	Project #: 537	ъ.			Tel. 5(	)5-345 <sup>.</sup>	3975	Fax 5	05-345	-4107	1		
Phone	#: 521-3.	35-1785								Ar	alysis F	sednes				
email c	or Fax#: \	Vill@Ran	IgerEnv.com	Project Mana	ger: W. Kier	dorf		(								
QA/QC ■ Stai	Package: n <b>dard</b>		□ Level 4 (Full Validation)													_
Accrec	litation: _AC	Az Cc Other	ompliance	Sampler: J On Ice:	. Martinez	No.		900) 2 \ DKC								
EDI	(Type)	Excel		# of Coolers:	United and and and and and and and and and an		(	2 ∀∂ ਹਮੁਤ								
				Cooler Temp	incluaing CE).	「大のこの」と	1208	) (Eb								
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL NO	3) XƏT8	Chloride								
6-3-22	1102	1:05	EW-9	1 X 402 Jur	ICE	013	X	X X								
	iloS		EN -10		1	CM 4										
	1110		Ew-11			510										
	1113	, 	EW-12			ON6										
+	1117	- <del>  </del> -	EW-13			017	_									
	1328		28-29			Ø18		, 								
-+	<b>123</b> 1		Ex - 30	-)	4	019	-7	7								
						, .										
									_							
Date:	Time:	Relinquish	ed by:	Received by:	Via:	Date Time	Rema	rks: Bil	I to EO	G Artes	i					
6/6/4)0	200	U-M	artinez	MANAA	ζ, γ,	dor relativ										
Date:	Time:	Relinquish	ed by:	Received by:	Via:	Date Time										
OQ M.		samples sut	bmitted to Hall Environmental may be subc	CONTracted to other a	CUVI L	$\left( \frac{\partial}{\partial r} \right) \mathcal{V} \mathcal{V} \mathcal{O} \mathcal{O} \left( \frac{\partial}{\partial r} \right)$	s nossibi	ity Any	sub-contra	cted data	will he clear	v notated c	the ana	ner leninde	ş	

**Released to Imaging: 11/16/2022 2:16:42 PM** 

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July 06, 2022 Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Roy SWD 3

OrderNo.: 2206593

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 30 sample(s) on 6/10/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued June 21, 2022.

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. 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. All samples are reported as received unless otherwise indicated.

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	K-19	
Project:	Roy SWD 3		(	Collection Dat	e: 6/6	5/2022 9:15:00 AM	
Lab ID:	2206593-001	Matrix: SOIL		Received Date	e: 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: JMT
Chloride		360	60	mg/Kg	20	6/14/2022 6:02:54 PM	68102
EPA MET	THOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 7:31:11 PM	68065
Motor Oi	il Range Organics (MRO)	ND	46	mg/Kg	1	6/15/2022 7:31:11 PM	68065
Surr: I	DNOP	93.5	51.1-141	%Rec	1	6/15/2022 7:31:11 PM	68065
EPA MET	THOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2022 4:51:00 PM	68042
Surr: I	BFB	80.6	37.7-212	%Rec	1	6/13/2022 4:51:00 PM	68042
EPA ME	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	ND	0.025	mg/Kg	1	6/13/2022 4:51:00 PM	68042
Toluene		ND	0.049	mg/Kg	1	6/13/2022 4:51:00 PM	68042
Ethylben	izene	ND	0.049	mg/Kg	1	6/13/2022 4:51:00 PM	68042
Xylenes,	Total	ND	0.098	mg/Kg	1	6/13/2022 4:51:00 PM	68042
Surr: 4	4-Bromofluorobenzene	80.6	70-130	%Rec	1	6/13/2022 4:51:00 PM	68042

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

**Qualifiers:** 

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

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Hall	<b>Environmenta</b>	l A	nalysis	Lab	oratory,	Inc.
			•/		•/ /	

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	K-20	
Project:	Roy SWD 3		(	Collection Date	e: 6/6	5/2022 1:50:00 PM	
Lab ID:	2206593-002	Matrix: SOIL		Received Date	e: 6/1	0/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	JMT
Chloride		560	59	mg/Kg	20	6/14/2022 6:15:19 PM	68102
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 7:41:58 PM	68065
Motor Oi	Range Organics (MRO)	ND	47	mg/Kg	1	6/15/2022 7:41:58 PM	68065
Surr: D	DNOP	85.1	51.1-141	%Rec	1	6/15/2022 7:41:58 PM	68065
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/13/2022 5:51:00 PM	68042
Surr: E	3FB	84.8	37.7-212	%Rec	1	6/13/2022 5:51:00 PM	68042
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	6/13/2022 5:51:00 PM	68042
Toluene		ND	0.048	mg/Kg	1	6/13/2022 5:51:00 PM	68042
Ethylben	zene	ND	0.048	mg/Kg	1	6/13/2022 5:51:00 PM	68042
Xylenes,	Total	ND	0.096	mg/Kg	1	6/13/2022 5:51:00 PM	68042
Surr: 4	I-Bromofluorobenzene	83.9	70-130	%Rec	1	6/13/2022 5:51:00 PM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	<b>D:</b> EX	K-26	
Project:	Roy SWD 3		(	Collection Dat	<b>e:</b> 6/6	5/2022 2:45:00 PM	
Lab ID:	2206593-003	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN
Chloride		410	60	mg/Kg	20	6/15/2022 2:24:22 PM	68131
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/15/2022 7:52:44 PM	68065
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2022 7:52:44 PM	68065
Surr: I	DNOP	96.4	51.1-141	%Rec	1	6/15/2022 7:52:44 PM	68065
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2022 6:50:00 PM	68042
Surr: I	BFB	88.0	37.7-212	%Rec	1	6/13/2022 6:50:00 PM	68042
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	ND	0.025	mg/Kg	1	6/13/2022 6:50:00 PM	68042
Toluene		ND	0.050	mg/Kg	1	6/13/2022 6:50:00 PM	68042
Ethylben	izene	ND	0.050	mg/Kg	1	6/13/2022 6:50:00 PM	68042
Xylenes,	Total	ND	0.099	mg/Kg	1	6/13/2022 6:50:00 PM	68042
Surr: 4	4-Bromofluorobenzene	85.2	70-130	%Rec	1	6/13/2022 6:50:00 PM	68042

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

**Qualifiers:** 

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

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Hall	<b>Environmenta</b>	l A	nalysis	Lab	oratory,	Inc.
			•/		•/ /	

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	D: EX	K-27	
Project:	Roy SWD 3		(	Collection Dat	<b>e:</b> 6/6	5/2022 9:20:00 AM	
Lab ID:	2206593-004	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		450	60	mg/Kg	20	6/15/2022 2:36:42 PM	68131
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 8:03:31 PM	68065
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2022 8:03:31 PM	68065
Surr: [	DNOP	86.0	51.1-141	%Rec	1	6/15/2022 8:03:31 PM	68065
EPA MET	HOD 8015D: GASOLINE RAN	IGE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	6/13/2022 7:10:00 PM	68042
Surr: E	3FB	82.6	37.7-212	%Rec	1	6/13/2022 7:10:00 PM	68042
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	6/13/2022 7:10:00 PM	68042
Toluene		ND	0.047	mg/Kg	1	6/13/2022 7:10:00 PM	68042
Ethylben	zene	ND	0.047	mg/Kg	1	6/13/2022 7:10:00 PM	68042
Xylenes,	Total	ND	0.094	mg/Kg	1	6/13/2022 7:10:00 PM	68042
Surr: 4	1-Bromofluorobenzene	82.6	70-130	%Rec	1	6/13/2022 7:10:00 PM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	<b>):</b> EX	K-28	
Project:	Roy SWD 3		(	Collection Dat	e: 6/6	5/2022 1:52:00 PM	
Lab ID:	2206593-005	Matrix: SOIL		<b>Received Date</b>	e: 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		860	60	mg/Kg	20	6/15/2022 2:49:03 PM	68131
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel Ra	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 8:14:20 PM	68065
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	6/15/2022 8:14:20 PM	68065
Surr: DNOP		72.1	51.1-141	%Rec	1	6/15/2022 8:14:20 PM	68065
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2022 7:30:00 PM	68042
Surr: E	3FB	83.7	37.7-212	%Rec	1	6/13/2022 7:30:00 PM	68042
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	6/13/2022 7:30:00 PM	68042
Toluene		ND	0.049	mg/Kg	1	6/13/2022 7:30:00 PM	68042
Ethylben	zene	ND	0.049	mg/Kg	1	6/13/2022 7:30:00 PM	68042
Xylenes,	Total	ND	0.097	mg/Kg	1	6/13/2022 7:30:00 PM	68042
Surr: 4	4-Bromofluorobenzene	81.8	70-130	%Rec	1	6/13/2022 7:30:00 PM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

-							
CLIENT:	EOG		Cl	ient Sample II	<b>D:</b> EX	K-31	
Project:	Roy SWD 3		(	Collection Dat	<b>e:</b> 6/6	5/2022 9:24:00 AM	
Lab ID:	2206593-006	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 6/1	0/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		190	60	mg/Kg	20	6/15/2022 3:01:24 PM	68131
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	: ED
Diesel Ra	ange Organics (DRO)	ND	15	mg/Kg	1	6/15/2022 8:25:09 PM	68065
Motor Oi	I Range Organics (MRO)	ND	51	mg/Kg	1	6/15/2022 8:25:09 PM	68065
Surr: [	DNOP	86.8	51.1-141	%Rec	1	6/15/2022 8:25:09 PM	68065
EPA MET	HOD 8015D: GASOLINE RAI	NGE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2022 7:49:00 PM	68042
Surr: E	3FB	90.1	37.7-212	%Rec	1	6/13/2022 7:49:00 PM	68042
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	6/13/2022 7:49:00 PM	68042
Toluene		ND	0.050	mg/Kg	1	6/13/2022 7:49:00 PM	68042
Ethylben	zene	ND	0.050	mg/Kg	1	6/13/2022 7:49:00 PM	68042
Xylenes,	Total	ND	0.099	mg/Kg	1	6/13/2022 7:49:00 PM	68042
Surr: 4	1-Bromofluorobenzene	83.4	70-130	%Rec	1	6/13/2022 7:49:00 PM	68042

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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Hall	<b>Environmental</b>	Analysis	Laboratory,	Inc.
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Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG	Client Sample ID: EX-32						
Project:	Roy SWD 3		(	Collection Date	e: 6/6	5/2022 11:17:00 AM		
Lab ID:	2206593-007	Matrix: SOIL		Received Date	e: 6/1	0/2022 7:20:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN	
Chloride		200	60	mg/Kg	20	6/15/2022 3:13:46 PM	68131	
EPA MET	HOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	ED	
Diesel R	ange Organics (DRO)	ND	13	mg/Kg	1	6/16/2022 3:38:49 PM	68065	
Motor Oi	I Range Organics (MRO)	ND	44	mg/Kg	1	6/16/2022 3:38:49 PM	68065	
Surr: [	DNOP	63.2	51.1-141	%Rec	1	6/16/2022 3:38:49 PM	68065	
EPA MET	HOD 8015D: GASOLINE RAN	IGE				Analyst	BRM	
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/13/2022 8:09:00 PM	68042	
Surr: E	3FB	82.9	37.7-212	%Rec	1	6/13/2022 8:09:00 PM	68042	
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM	
Benzene		ND	0.024	mg/Kg	1	6/13/2022 8:09:00 PM	68042	
Toluene		ND	0.048	mg/Kg	1	6/13/2022 8:09:00 PM	68042	
Ethylben	zene	ND	0.048	mg/Kg	1	6/13/2022 8:09:00 PM	68042	
Xylenes,	Total	ND	0.097	mg/Kg	1	6/13/2022 8:09:00 PM	68042	
Surr: 4	1-Bromofluorobenzene	81.7	70-130	%Rec	1	6/13/2022 8:09:00 PM	68042	

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

-									
CLIENT:	EOG	Client Sample ID: EW-14							
Project:	Roy SWD 3			Collection Dat	e: 6/6	5/2022 2:47:00 PM			
Lab ID:	2206593-008	Matrix: SOIL		<b>Received Dat</b>	e: 6/1	10/2022 7:20:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analysi	LRN		
Chloride		170	60	mg/Kg	20	6/15/2022 3:50:49 PM	68131		
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	ED		
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/15/2022 8:46:49 PM	68065		
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2022 8:46:49 PM	68065		
Surr: [	DNOP	79.2	51.1-141	%Rec	1	6/15/2022 8:46:49 PM	68065		
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	BRM		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2022 8:29:00 PM	68042		
Surr: E	3FB	84.8	37.7-212	%Rec	1	6/13/2022 8:29:00 PM	68042		
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM		
Benzene		ND	0.025	mg/Kg	1	6/13/2022 8:29:00 PM	68042		
Toluene		ND	0.049	mg/Kg	1	6/13/2022 8:29:00 PM	68042		
Ethylben	zene	ND	0.049	mg/Kg	1	6/13/2022 8:29:00 PM	68042		
Xylenes,	Total	ND	0.098	mg/Kg	1	6/13/2022 8:29:00 PM	68042		
Surr: 4	1-Bromofluorobenzene	82.9	70-130	%Rec	1	6/13/2022 8:29:00 PM	68042		

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

**Qualifiers:** 

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

Lab Order 2206593

Date Reported: 7/6/2022

-								
CLIENT:	EOG	Client Sample ID: EW-15						
Project:	Roy SWD 3		(	Collec	tion Dat	<b>e:</b> 6/6	5/2022 1:54:00 PM	
Lab ID:	2206593-009	Matrix: SOIL		Rece	ived Dat	<b>e:</b> 6/1	0/2022 7:20:00 AM	
Analyses		Result	RL	Qua	Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analyst	: LRN
Chloride		160	60		mg/Kg	20	6/15/2022 4:03:09 PM	68131
EPA MET	HOD 8015M/D: DIESEL R	ANGE ORGANICS					Analyst	: ED
Diesel R	ange Organics (DRO)	ND	15		mg/Kg	1	6/15/2022 9:30:10 PM	68067
Motor Oi	I Range Organics (MRO)	ND	50		mg/Kg	1	6/15/2022 9:30:10 PM	68067
Surr: [	DNOP	81.8	51.1-141		%Rec	1	6/15/2022 9:30:10 PM	68067
EPA MET	HOD 8015D: GASOLINE R	ANGE					Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.9		mg/Kg	1	6/13/2022 8:49:00 PM	68042
Surr: E	3FB	129	37.7-212		%Rec	1	6/13/2022 8:49:00 PM	68042
EPA MET	HOD 8021B: VOLATILES						Analyst	BRM
Benzene		ND	0.025		mg/Kg	1	6/13/2022 8:49:00 PM	68042
Toluene		ND	0.049		mg/Kg	1	6/13/2022 8:49:00 PM	68042
Ethylben	zene	ND	0.049		mg/Kg	1	6/13/2022 8:49:00 PM	68042
Xylenes,	Total	ND	0.099		mg/Kg	1	6/13/2022 8:49:00 PM	68042
Surr: 4	1-Bromofluorobenzene	130	70-130	S	%Rec	1	6/13/2022 8:49:00 PM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CI IENT·	FOG		Cli	ient Samnle II	)• FV	W-16	
Project.	Roy SWD 3		CI (	Collection Date	•• 6/6	5/2022 1·56·00 PM	
Lab ID:	2206593-010	Matrix: SOIL	,	Received Date	e: 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		160	60	mg/Kg	20	6/15/2022 4:40:12 PM	68131
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 10:03:25 PM	68067
Motor Oi	Range Organics (MRO)	ND	45	mg/Kg	1	6/15/2022 10:03:25 PM	68067
Surr: [	DNOP	86.0	51.1-141	%Rec	1	6/15/2022 10:03:25 PM	68067
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	6/13/2022 9:09:00 PM	68042
Surr: E	BFB	85.1	37.7-212	%Rec	1	6/13/2022 9:09:00 PM	68042
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene	1	ND	0.023	mg/Kg	1	6/13/2022 9:09:00 PM	68042
Toluene		ND	0.047	mg/Kg	1	6/13/2022 9:09:00 PM	68042
Ethylben	zene	ND	0.047	mg/Kg	1	6/13/2022 9:09:00 PM	68042
Xylenes,	Total	ND	0.094	mg/Kg	1	6/13/2022 9:09:00 PM	68042
Surr: 4	1-Bromofluorobenzene	83.6	70-130	%Rec	1	6/13/2022 9:09:00 PM	68042

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

**Qualifiers:** 

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

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### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	): EV	W-17					
Project:	Roy SWD 3		Collection Date: 6/7/2022 11:50:00 AM								
Lab ID:	2206593-011	Matrix: SOIL		Received Date	e: 6/1	10/2022 7:20:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN				
Chloride		84	60	mg/Kg	20	6/15/2022 5:17:13 PM	68131				
EPA MET	HOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	ED				
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 10:14:39 PM	68067				
Motor Oi	l Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2022 10:14:39 PM	68067				
Surr: [	ONOP	74.6	51.1-141	%Rec	1	6/15/2022 10:14:39 PM	68067				
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2022 9:48:00 PM	68042				
Surr: E	3FB	84.1	37.7-212	%Rec	1	6/13/2022 9:48:00 PM	68042				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.024	mg/Kg	1	6/13/2022 9:48:00 PM	68042				
Toluene		ND	0.049	mg/Kg	1	6/13/2022 9:48:00 PM	68042				
Ethylben	zene	ND	0.049	mg/Kg	1	6/13/2022 9:48:00 PM	68042				
Xylenes,	Total	ND	0.098	mg/Kg	1	6/13/2022 9:48:00 PM	68042				
Surr: 4	4-Bromofluorobenzene	83.9	70-130	%Rec	1	6/13/2022 9:48:00 PM	68042				

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

**Qualifiers:** 

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

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Hall	<b>Environmenta</b>	l A	nalysis	Lab	oratory,	Inc.
			•/		•/ /	

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	K-33	
Project:	Roy SWD 3		(	Collection Date	e: 6/7	7/2022 10:30:00 AM	
Lab ID:	2206593-012	Matrix: SOIL		<b>Received Date</b>	e: 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		830	60	mg/Kg	20	6/15/2022 5:29:34 PM	68131
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 10:25:55 PM	68067
Motor Oil	Range Organics (MRO)	ND	47	mg/Kg	1	6/15/2022 10:25:55 PM	68067
Surr: D	DNOP	83.5	51.1-141	%Rec	1	6/15/2022 10:25:55 PM	68067
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/13/2022 10:08:00 PM	68042
Surr: E	3FB	88.3	37.7-212	%Rec	1	6/13/2022 10:08:00 PM	68042
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	6/13/2022 10:08:00 PM	68042
Toluene		ND	0.048	mg/Kg	1	6/13/2022 10:08:00 PM	68042
Ethylben	zene	ND	0.048	mg/Kg	1	6/13/2022 10:08:00 PM	68042
Xylenes,	Total	ND	0.097	mg/Kg	1	6/13/2022 10:08:00 PM	68042
Surr: 4	I-Bromofluorobenzene	83.2	70-130	%Rec	1	6/13/2022 10:08:00 PM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG	Client Sample ID: EX-34						
Project:	Roy SWD 3		(	Collection Dat	e:6/7	7/2022 10:32:00 AM		
Lab ID:	2206593-013	Matrix: SOIL		<b>Received Date</b>	<b>e:</b> 6/1	10/2022 7:20:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN	
Chloride		710	59	mg/Kg	20	6/15/2022 5:41:55 PM	68131	
EPA MET	HOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	: ED	
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/15/2022 10:37:11 PM	68067	
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2022 10:37:11 PM	68067	
Surr: [	DNOP	89.9	51.1-141	%Rec	1	6/15/2022 10:37:11 PM	68067	
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	BRM	
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2022 10:28:00 PM	68042	
Surr: E	3FB	84.9	37.7-212	%Rec	1	6/13/2022 10:28:00 PM	68042	
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM	
Benzene		ND	0.025	mg/Kg	1	6/13/2022 10:28:00 PM	68042	
Toluene		ND	0.050	mg/Kg	1	6/13/2022 10:28:00 PM	68042	
Ethylben	zene	ND	0.050	mg/Kg	1	6/13/2022 10:28:00 PM	68042	
Xylenes,	Total	ND	0.10	mg/Kg	1	6/13/2022 10:28:00 PM	68042	
Surr: 4	1-Bromofluorobenzene	81.4	70-130	%Rec	1	6/13/2022 10:28:00 PM	68042	

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG	Client Sample ID: EX-35						
Project:	Roy SWD 3		(	Collection Dat	e: 6/7	7/2022 10:34:00 AM		
Lab ID:	2206593-014	Matrix: SOIL		<b>Received Date</b>	<b>e: 6</b> /1	10/2022 7:20:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN	
Chloride		760	60	mg/Kg	20	6/15/2022 6:43:40 PM	68134	
EPA MET	HOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	: ED	
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/15/2022 10:48:27 PM	68067	
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2022 10:48:27 PM	68067	
Surr: [	ONOP	82.9	51.1-141	%Rec	1	6/15/2022 10:48:27 PM	68067	
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	BRM	
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	6/13/2022 10:47:00 PM	68042	
Surr: E	BFB	84.4	37.7-212	%Rec	1	6/13/2022 10:47:00 PM	68042	
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM	
Benzene		ND	0.023	mg/Kg	1	6/13/2022 10:47:00 PM	68042	
Toluene		ND	0.047	mg/Kg	1	6/13/2022 10:47:00 PM	68042	
Ethylben	zene	ND	0.047	mg/Kg	1	6/13/2022 10:47:00 PM	68042	
Xylenes,	Total	ND	0.094	mg/Kg	1	6/13/2022 10:47:00 PM	68042	
Surr: 4	4-Bromofluorobenzene	81.7	70-130	%Rec	1	6/13/2022 10:47:00 PM	68042	

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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Hall	<b>Environmenta</b>	l A	nalysis	Lab	oratory,	Inc.
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Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG	Client Sample ID: EX-36						
Project:	Roy SWD 3		(	Collection Date	e: 6/7	//2022 10:36:00 AM		
Lab ID:	2206593-015	Matrix: SOIL		Received Date	e: 6/1	0/2022 7:20:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	LRN	
Chloride		390	60	mg/Kg	20	6/15/2022 6:56:00 PM	68134	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED	
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 10:59:42 PM	68067	
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2022 10:59:42 PM	68067	
Surr: [	ONOP	76.7	51.1-141	%Rec	1	6/15/2022 10:59:42 PM	68067	
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	BRM	
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2022 11:07:00 PM	68042	
Surr: E	3FB	83.2	37.7-212	%Rec	1	6/13/2022 11:07:00 PM	68042	
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM	
Benzene		ND	0.024	mg/Kg	1	6/13/2022 11:07:00 PM	68042	
Toluene		ND	0.049	mg/Kg	1	6/13/2022 11:07:00 PM	68042	
Ethylben	zene	ND	0.049	mg/Kg	1	6/13/2022 11:07:00 PM	68042	
Xylenes,	Total	ND	0.097	mg/Kg	1	6/13/2022 11:07:00 PM	68042	
Surr: 4	4-Bromofluorobenzene	81.6	70-130	%Rec	1	6/13/2022 11:07:00 PM	68042	

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	K-37	
Project:	Roy SWD 3		(	Collection Date	e:6/7	//2022 10:38:00 AM	
Lab ID:	2206593-016	Matrix: SOIL		Received Date	e: 6/1	0/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		670	60	mg/Kg	20	6/15/2022 7:08:20 PM	68134
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/15/2022 11:10:58 PM	68067
Motor Oi	l Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2022 11:10:58 PM	68067
Surr: [	DNOP	74.2	51.1-141	%Rec	1	6/15/2022 11:10:58 PM	68067
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/13/2022 11:27:00 PM	68042
Surr: E	BFB	84.4	37.7-212	%Rec	1	6/13/2022 11:27:00 PM	68042
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	6/13/2022 11:27:00 PM	68042
Toluene		ND	0.048	mg/Kg	1	6/13/2022 11:27:00 PM	68042
Ethylben	izene	ND	0.048	mg/Kg	1	6/13/2022 11:27:00 PM	68042
Xylenes,	Total	ND	0.096	mg/Kg	1	6/13/2022 11:27:00 PM	68042
Surr: 4	4-Bromofluorobenzene	82.2	70-130	%Rec	1	6/13/2022 11:27:00 PM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT	FOG		Cl	ient Samnle II	)• Ελ	۲-38	
Project.	Roy SWD 3	Collection Date:     6/7/2022     10:40:00 AM       Matrix:     SOIL     Received Date:     6/10/2022     7:20:00 AM					
Lab ID:	2206593-017						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		1200	60	mg/Kg	20	6/15/2022 7:20:41 PM	68134
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	13	mg/Kg	1	6/15/2022 11:22:08 PM	68067
Motor Oi	Range Organics (MRO)	ND	44	mg/Kg	1	6/15/2022 11:22:08 PM	68067
Surr: [	DNOP	72.3	51.1-141	%Rec	1	6/15/2022 11:22:08 PM	68067
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2022 11:46:00 PM	68042
Surr: E	BFB	85.1	37.7-212	%Rec	1	6/13/2022 11:46:00 PM	68042
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	6/13/2022 11:46:00 PM	68042
Toluene		ND	0.050	mg/Kg	1	6/13/2022 11:46:00 PM	68042
Ethylben	izene	ND	0.050	mg/Kg	1	6/13/2022 11:46:00 PM	68042
Xylenes,	Total	ND	0.099	mg/Kg	1	6/13/2022 11:46:00 PM	68042
Surr: 4	4-Bromofluorobenzene	81.8	70-130	%Rec	1	6/13/2022 11:46:00 PM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	K-42	
Project:	Roy SWD 3	Collection Date: 6/7/2022 11:19:00 AM					
Lab ID:	2206593-018	Matrix: SOIL		<b>Received Date</b>	e: 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		2000	59	mg/Kg	20	6/15/2022 7:33:01 PM	68134
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 11:33:21 PM	68067
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2022 11:33:21 PM	68067
Surr: [	DNOP	76.6	51.1-141	%Rec	1	6/15/2022 11:33:21 PM	68067
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	6/14/2022 12:06:00 AM	68042
Surr: E	BFB	86.7	37.7-212	%Rec	1	6/14/2022 12:06:00 AM	68042
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	)	ND	0.024	mg/Kg	1	6/14/2022 12:06:00 AM	68042
Toluene		ND	0.048	mg/Kg	1	6/14/2022 12:06:00 AM	68042
Ethylben	izene	ND	0.048	mg/Kg	1	6/14/2022 12:06:00 AM	68042
Xylenes,	Total	ND	0.096	mg/Kg	1	6/14/2022 12:06:00 AM	68042
Surr: 4	4-Bromofluorobenzene	82.3	70-130	%Rec	1	6/14/2022 12:06:00 AM	68042

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	<b>):</b> EX	ζ-44		
Project:	Roy SWD 3		Collection Date: 6/7/2022 11:45:00 AM       Matrix: SOIL     Received Date: 6/10/2022 7:20:00 AM					
Lab ID:	2206593-019	Matrix: SOIL						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst	: LRN	
Chloride		1100	61	mg/Kg	20	6/15/2022 7:45:23 PM	68134	
EPA MET	THOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	ED	
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/15/2022 11:44:32 PM	68067	
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	6/15/2022 11:44:32 PM	68067	
Surr: I	DNOP	91.0	51.1-141	%Rec	1	6/15/2022 11:44:32 PM	68067	
EPA MET	THOD 8015D: GASOLINE RA	NGE				Analyst	BRM	
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2022 12:25:00 AM	68042	
Surr: I	BFB	85.1	37.7-212	%Rec	1	6/14/2022 12:25:00 AM	68042	
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM	
Benzene		ND	0.025	mg/Kg	1	6/14/2022 12:25:00 AM	68042	
Toluene		ND	0.049	mg/Kg	1	6/14/2022 12:25:00 AN	68042	
Ethylben	zene	ND	0.049	mg/Kg	1	6/14/2022 12:25:00 AM	68042	
Xylenes,	Total	ND	0.099	mg/Kg	1	6/14/2022 12:25:00 AN	68042	
Surr: 4	4-Bromofluorobenzene	83.0	70-130	%Rec	1	6/14/2022 12:25:00 AM	68042	

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	): EX	X-45	
Project:	Rov SWD 3	<b>Collection Date:</b> 6/7/2022 11:47:00 AM					
Lab ID:	2206593-020	Matrix: SOIL	Matrix: SOIL     Received Date: 6/10/2022 7:20:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		660	60	mg/Kg	20	6/15/2022 7:57:44 PM	68134
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/15/2022 11:55:40 PM	68067
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/15/2022 11:55:40 PM	68067
Surr: [	DNOP	86.8	51.1-141	%Rec	1	6/15/2022 11:55:40 PM	68067
EPA MET	THOD 8015D: GASOLINE R	ANGE				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	6/14/2022 12:45:00 AM	68042
Surr: E	BFB	85.6	37.7-212	%Rec	1	6/14/2022 12:45:00 AM	68042
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	)	ND	0.024	mg/Kg	1	6/14/2022 12:45:00 AM	68042
Toluene		ND	0.048	mg/Kg	1	6/14/2022 12:45:00 AM	68042
Ethylben	izene	ND	0.048	mg/Kg	1	6/14/2022 12:45:00 AM	68042
Xylenes,	Total	ND	0.097	mg/Kg	1	6/14/2022 12:45:00 AM	68042
Surr: 4	4-Bromofluorobenzene	83.2	70-130	%Rec	1	6/14/2022 12:45:00 AM	68042

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

**Qualifiers:** 

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

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Surr: 4-Bromofluorobenzene

**Analytical Report** 

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

6/14/2022 2:43:00 AM 68044

CLIENT:	ENT: EOG Client Sample ID: ETH-1/7						
Project:	Roy SWD 3	Collection Date: 6/9/2022 10:45:00 AM					
Lab ID:	2206593-021	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 6/1	0/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst:	ЈМТ
Chloride		3700	150	mg/Kg	50	6/16/2022 11:24:46 AM	68134
EPA METHOD 8015M/D: DIESEL RANGE		ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	13	mg/Kg	1	6/16/2022 12:06:46 AM	68067
Motor Oi	Range Organics (MRO)	ND	44	mg/Kg	1	6/16/2022 12:06:46 AM	68067
Surr: I	DNOP	90.3	51.1-141	%Rec	1	6/16/2022 12:06:46 AM	68067
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2022 2:43:00 AM	68044
Surr: I	BFB	92.2	37.7-212	%Rec	1	6/14/2022 2:43:00 AM	68044
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	ND	0.024	mg/Kg	1	6/14/2022 2:43:00 AM	68044
Toluene		ND	0.049	mg/Kg	1	6/14/2022 2:43:00 AM	68044
Ethylben	izene	ND	0.049	mg/Kg	1	6/14/2022 2:43:00 AM	68044
Xylenes,	Total	ND	0.098	mg/Kg	1	6/14/2022 2:43:00 AM	68044

85.6

70-130

%Rec

1

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

**Qualifiers:** 

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

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Surr: 4-Bromofluorobenzene

**Analytical Report** 

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

6/14/2022 3:42:00 AM 68044

CLIENT:	EOG		Cl	ient Sample II	<b>D:</b> E7	ГН-1/14	
Project:	Roy SWD 3	Collection Date: 6/9/2022 11:19:00 AM					
Lab ID:	2206593-022	Matrix: SOIL	Matrix: SOIL     Received Date: 6/10/2022 7:20:00 A				
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	LRN
Chloride		600	60	mg/Kg	20	6/15/2022 8:47:05 PM	68134
EPA METHOD 8015M/D: DIESEL RANGE		IGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/16/2022 12:17:54 AM	68067
Motor O	il Range Organics (MRO)	ND	45	mg/Kg	1	6/16/2022 12:17:54 AM	68067
Surr:	DNOP	82.2	51.1-141	%Rec	1	6/16/2022 12:17:54 AM	68067
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2022 3:42:00 AM	68044
Surr:	BFB	85.5	37.7-212	%Rec	1	6/14/2022 3:42:00 AM	68044
EPA ME	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	ND	0.024	mg/Kg	1	6/14/2022 3:42:00 AM	68044
Toluene		ND	0.049	mg/Kg	1	6/14/2022 3:42:00 AM	68044
Ethylber	izene	ND	0.049	mg/Kg	1	6/14/2022 3:42:00 AM	68044
Xylenes,	, Total	ND	0.097	mg/Kg	1	6/14/2022 3:42:00 AM	68044

85.5

70-130

%Rec

1

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

**Qualifiers:** 

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

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Surr: 4-Bromofluorobenzene

**Analytical Report** 

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

6/14/2022 4:41:00 AM 68044

CLIENT:	EOG		Cl	ient Sample I	D: ET	TH-1/18	
Project:	Roy SWD 3	Collection Date: 6/9/2022 11:42:00 AM					
Lab ID:	2206593-023	Matrix: SOIL		<b>Received Dat</b>	e: 6/1	0/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		380	60	mg/Kg	20	6/15/2022 8:59:25 PM	68134
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/16/2022 12:29:02 AM	68067
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	6/16/2022 12:29:02 AM	68067
Surr: I	DNOP	81.1	51.1-141	%Rec	1	6/16/2022 12:29:02 AM	68067
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2022 4:41:00 AM	68044
Surr: I	BFB	88.5	37.7-212	%Rec	1	6/14/2022 4:41:00 AM	68044
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.025	mg/Kg	1	6/14/2022 4:41:00 AM	68044
Toluene		ND	0.049	mg/Kg	1	6/14/2022 4:41:00 AM	68044
Ethylben	izene	ND	0.049	mg/Kg	1	6/14/2022 4:41:00 AM	68044
Xylenes,	Total	ND	0.098	mg/Kg	1	6/14/2022 4:41:00 AM	68044

87.7

70-130

%Rec 1

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

**Qualifiers:** 

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

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Hall	<b>Environmental</b>	Analysis	Laboratory,	Inc.
		•/	•/ /	

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	<b>):</b> ET	`H-2/7	
Project:	Roy SWD 3	Collection Date: 6/9/2022 1:05:00 PM					
Lab ID:	2206593-024	Matrix: SOIL		Received Date	e: 6/1	0/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LRN
Chloride		2200	60	mg/Kg	20	6/15/2022 9:11:46 PM	68134
EPA MET	HOD 8015M/D: DIESEL RAI	NGE ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	13	mg/Kg	1	6/16/2022 4:02:50 PM	68067
Motor Oi	I Range Organics (MRO)	ND	43	mg/Kg	1	6/16/2022 4:02:50 PM	68067
Surr: [	DNOP	107	51.1-141	%Rec	1	6/16/2022 4:02:50 PM	68067
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/14/2022 5:01:00 AM	68044
Surr: E	BFB	84.6	37.7-212	%Rec	1	6/14/2022 5:01:00 AM	68044
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	6/14/2022 5:01:00 AM	68044
Toluene		ND	0.048	mg/Kg	1	6/14/2022 5:01:00 AM	68044
Ethylben	zene	ND	0.048	mg/Kg	1	6/14/2022 5:01:00 AM	68044
Xylenes,	Total	ND	0.095	mg/Kg	1	6/14/2022 5:01:00 AM	68044
Surr: 4	1-Bromofluorobenzene	84.4	70-130	%Rec	1	6/14/2022 5:01:00 AM	68044

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	<b>):</b> E1	TH-2/12	
Project:	Roy SWD 3	Collection Date: 6/9/2022 1:17:00 PM					
Lab ID:	2206593-025	Matrix: SOIL		<b>Received Date</b>	e: 6/1	10/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	LRN
Chloride		480	60	mg/Kg	20	6/15/2022 9:24:07 PM	68134
EPA MET	THOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst	ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/16/2022 12:51:06 AM	68067
Motor Oi	il Range Organics (MRO)	ND	46	mg/Kg	1	6/16/2022 12:51:06 AM	68067
Surr: I	DNOP	101	51.1-141	%Rec	1	6/16/2022 12:51:06 AM	68067
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	6/14/2022 5:20:00 AM	68044
Surr: I	BFB	86.4	37.7-212	%Rec	1	6/14/2022 5:20:00 AM	68044
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM
Benzene	9	ND	0.023	mg/Kg	1	6/14/2022 5:20:00 AM	68044
Toluene		ND	0.047	mg/Kg	1	6/14/2022 5:20:00 AM	68044
Ethylben	izene	ND	0.047	mg/Kg	1	6/14/2022 5:20:00 AM	68044
Xylenes,	Total	ND	0.093	mg/Kg	1	6/14/2022 5:20:00 AM	68044
Surr: 4	4-Bromofluorobenzene	86.0	70-130	%Rec	1	6/14/2022 5:20:00 AM	68044

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG	Client Sample ID: ETH-2/15							
Project:	Roy SWD 3	Collection Date: 6/9/2022 1:29:00 PM							
Lab ID:	2206593-026	Matrix: SOIL         Received Date: 6/10/2022 7:20:00 A							
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	LRN		
Chloride		400	60	mg/Kg	20	6/15/2022 10:01:10 PM	68134		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED		
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/16/2022 1:02:10 AM	68067		
Motor Oi	l Range Organics (MRO)	ND	46	mg/Kg	1	6/16/2022 1:02:10 AM	68067		
Surr: [	DNOP	88.7	51.1-141	%Rec	1	6/16/2022 1:02:10 AM	68067		
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2022 5:40:00 AM	68044		
Surr: E	BFB	88.3	37.7-212	%Rec	1	6/14/2022 5:40:00 AM	68044		
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM		
Benzene		ND	0.024	mg/Kg	1	6/14/2022 5:40:00 AM	68044		
Toluene		ND	0.049	mg/Kg	1	6/14/2022 5:40:00 AM	68044		
Ethylben	izene	ND	0.049	mg/Kg	1	6/14/2022 5:40:00 AM	68044		
Xylenes,	Total	ND	0.098	mg/Kg	1	6/14/2022 5:40:00 AM	68044		
Surr: 4	4-Bromofluorobenzene	85.8	70-130	%Rec	1	6/14/2022 5:40:00 AM	68044		

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

**Qualifiers:** 

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

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Hall	<b>Environmental</b>	Analysis	Laboratory,	Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG	Client Sample ID: EW-1						
Project:	Roy SWD 3		(	Collection Date	e: 6/9	9/2022 9:15:00 AM		
Lab ID:	2206593-027	Matrix: SOIL		Received Date	e: 6/1	10/2022 7:20:00 AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS					Analyst	LRN	
Chloride		480	60	mg/Kg	20	6/15/2022 10:38:11 PM	68134	
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED	
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/16/2022 1:13:15 AM	68067	
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	6/16/2022 1:13:15 AM	68067	
Surr: [	ONOP	84.2	51.1-141	%Rec	1	6/16/2022 1:13:15 AM	68067	
EPA MET	HOD 8015D: GASOLINE RANGE	E				Analyst	BRM	
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	6/14/2022 6:00:00 AM	68044	
Surr: E	3FB	88.6	37.7-212	%Rec	1	6/14/2022 6:00:00 AM	68044	
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM	
Benzene		ND	0.023	mg/Kg	1	6/14/2022 6:00:00 AM	68044	
Toluene		ND	0.046	mg/Kg	1	6/14/2022 6:00:00 AM	68044	
Ethylben	zene	ND	0.046	mg/Kg	1	6/14/2022 6:00:00 AM	68044	
Xylenes,	Total	ND	0.092	mg/Kg	1	6/14/2022 6:00:00 AM	68044	
Surr: 4	4-Bromofluorobenzene	84.6	70-130	%Rec	1	6/14/2022 6:00:00 AM	68044	

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

<b>CLIENT:</b>	EOG		Cl	ient Sample II	D: EV	W-3	
Project:	Roy SWD 3		(	Collection Dat	e: 6/9	9/2022 9:17:00 AM	
Lab ID:	2206593-028	Matrix: SOIL	10/2022 7:20:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: LRN
Chloride		470	60	mg/Kg	20	6/15/2022 11:15:12 PM	68134
EPA MET	HOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	ED
Diesel Ra	ange Organics (DRO)	ND	14	mg/Kg	1	6/16/2022 1:24:15 AM	68067
Motor Oi	Range Organics (MRO)	ND	46	mg/Kg	1	6/16/2022 1:24:15 AM	68067
Surr: [	DNOP	63.5	51.1-141	%Rec	1	6/16/2022 1:24:15 AM	68067
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/14/2022 6:20:00 AM	68044
Surr: E	BFB	85.1	37.7-212	%Rec	1	6/14/2022 6:20:00 AM	68044
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM
Benzene		ND	0.024	mg/Kg	1	6/14/2022 6:20:00 AM	68044
Toluene		ND	0.048	mg/Kg	1	6/14/2022 6:20:00 AM	68044
Ethylben	zene	ND	0.048	mg/Kg	1	6/14/2022 6:20:00 AM	68044
Xylenes,	Total	ND	0.096	mg/Kg	1	6/14/2022 6:20:00 AM	68044
Surr: 4	I-Bromofluorobenzene	84.3	70-130	%Rec	1	6/14/2022 6:20:00 AM	68044

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

**Qualifiers:** 

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

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	D: EV	W-5				
Project:	Roy SWD 3	Collection Date: 6/9/2022 10:02:00 AM								
Lab ID:	2206593-029	Matrix: SOIL		Received Date	e: 6/1	10/2022 7:20:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		470	60	mg/Kg	20	6/15/2022 11:27:33 PM	68134			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/16/2022 4:48:47 PM	68103			
Motor Oi	il Range Organics (MRO)	ND	47	mg/Kg	1	6/16/2022 4:48:47 PM	68103			
Surr: I	DNOP	105	51.1-141	%Rec	1	6/16/2022 4:48:47 PM	68103			
EPA MET	THOD 8015D: GASOLINE RANGE	E				Analyst	BRM			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2022 6:39:00 AM	68044			
Surr: I	BFB	87.3	37.7-212	%Rec	1	6/14/2022 6:39:00 AM	68044			
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM			
Benzene	9	ND	0.025	mg/Kg	1	6/14/2022 6:39:00 AM	68044			
Toluene		ND	0.049	mg/Kg	1	6/14/2022 6:39:00 AM	68044			
Ethylben	izene	ND	0.049	mg/Kg	1	6/14/2022 6:39:00 AM	68044			
Xylenes,	Total	ND	0.098	mg/Kg	1	6/14/2022 6:39:00 AM	68044			
Surr: 4	4-Bromofluorobenzene	85.4	70-130	%Rec	1	6/14/2022 6:39:00 AM	68044			

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206593

Date Reported: 7/6/2022

CLIENT:	EOG		Cl	ient Sample II	D: EV	W-6				
Project:	Roy SWD 3	Collection Date: 6/9/2022 10:04:00 AM								
Lab ID:	2206593-030	Matrix: SOIL		Received Date	e: 6/1	10/2022 7:20:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	LRN			
Chloride		470	60	mg/Kg	20	6/15/2022 11:39:54 PM	68134			
EPA MET	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/16/2022 4:59:43 PM	68103			
Motor Oi	il Range Organics (MRO)	ND	46	mg/Kg	1	6/16/2022 4:59:43 PM	68103			
Surr: I	DNOP	98.1	51.1-141	%Rec	1	6/16/2022 4:59:43 PM	68103			
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	BRM			
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	6/14/2022 6:59:00 AM	68044			
Surr: I	BFB	89.5	37.7-212	%Rec	1	6/14/2022 6:59:00 AM	68044			
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM			
Benzene	9	ND	0.023	mg/Kg	1	6/14/2022 6:59:00 AM	68044			
Toluene		ND	0.047	mg/Kg	1	6/14/2022 6:59:00 AM	68044			
Ethylben	izene	ND	0.047	mg/Kg	1	6/14/2022 6:59:00 AM	68044			
Xylenes,	Total	ND	0.094	mg/Kg	1	6/14/2022 6:59:00 AM	68044			
Surr: 4	4-Bromofluorobenzene	86.4	70-130	%Rec	1	6/14/2022 6:59:00 AM	68044			

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

**Qualifiers:** 

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

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QC SU	MMARY REPORT	WO#:	2206593
Hall Env		06-Jul-22	
Client:	EOG		

Project:	Roy SWD	3									
Sample ID: I	MB-68102	SampTy	pe: <b>mb</b>	olk	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID: I	PBS	Batch	ID: 681	102	F	RunNo: 88714					
Prep Date:	6/14/2022	Analysis Da	te: 6/	14/2022	S	SeqNo: 3	150715	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: I	LCS-68102	SampTy	pe: Ics	;	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID: I	LCSS	Batch	ID: 681	102	F	RunNo: <b>8</b>	8714				
Prep Date:	6/14/2022	Analysis Da	te: 6/	14/2022	S	SeqNo: 3	150716	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	98.9	90	110			
Sample ID: I	MB-68131	SampTy	pe: mb	olk	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID:	PBS	Batch	ID: 681	131	F	RunNo: <b>8</b>	8758				
Prep Date:	6/15/2022	Analysis Da	te: 6/	15/2022	S	SeqNo: 3	152167	Units: <b>mg/K</b>	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: I	LCS-68131	SampTy	pe: Ics	;	Tes	tCode: El	PA Method	300.0: Anion	S		
Sample ID: I Client ID:	LCS-68131 LCSS	SampTy Batch	pe: <b>Ics</b> ID: <b>68</b> 1	131	Tes F	tCode: El RunNo: 8	PA Method 8758	300.0: Anion	S		
Sample ID: I Client ID: I Prep Date:	LCS-68131 LCSS 6/15/2022	SampTy Batch I Analysis Da	pe: <b>Ics</b> ID: <b>68</b> 1 te: <b>6/</b> 1	131 15/2022	Tes F S	tCode: <b>El</b> RunNo: <b>8</b> SeqNo: <b>3</b>	PA Method 8758 152168	300.0: Anion Units: mg/K	s g		
Sample ID: I Client ID: I Prep Date: Analyte	LCS-68131 LCSS 6/15/2022	SampTy Batch I Analysis Da Result	pe: <b>Ics</b> ID: <b>68</b> ′ te: <b>6/</b> ′ PQL	131 15/2022 SPK value	Tes F S SPK Ref Val	tCode: El RunNo: 8 SeqNo: 3 %REC	PA Method 8758 152168 LowLimit	300.0: Anion Units: mg/K HighLimit	s g %RPD	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride	LCS-68131 LCSS 6/15/2022	SampTy Batch I Analysis Da Result 14	pe: <b>Ics</b> ID: <b>68</b> <sup>4</sup> te: <b>6</b> / <sup>4</sup> PQL 1.5	1 <b>31</b> 1 <b>5/2022</b> SPK value 15.00	Tes F S SPK Ref Val 0	tCode: El RunNo: 8 SeqNo: 3 %REC 95.1	PA Method 8758 152168 LowLimit 90	300.0: Anion Units: mg/K HighLimit 110	s g %RPD	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I	LCS-68131 LCSS 6/15/2022 MB-68134	SampTy Batch Analysis Da Result 14 SampTy	pe: Ics ID: 68 <sup>4</sup> te: 6/ <sup>4</sup> PQL 1.5 pe: mb	131 15/2022 SPK value 15.00	Tes F S SPK Ref Val 0 Tes	tCode: El RunNo: 8 SeqNo: 3 %REC 95.1 tCode: El	PA Method 8758 152168 LowLimit 90 PA Method	300.0: Anion: Units: mg/K HighLimit 110 300.0: Anion:	s g %RPD s	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I	LCS-68131 LCSS 6/15/2022 MB-68134 PBS	SampTy Batch Analysis Da Result 14 SampTy Batch	pe: Ics ID: 68' te: 6/ PQL 1.5 pe: mb	131 15/2022 SPK value 15.00 blk 134	Tes F SPK Ref Val 0 Tes F	tCode: El RunNo: 8 SeqNo: 3 %REC 95.1 tCode: El RunNo: 8	PA Method 8758 152168 LowLimit 90 PA Method 8758	300.0: Anion Units: mg/K HighLimit 110 300.0: Anion	s g %RPD s	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date:	LCS-68131 LCSS 6/15/2022 MB-68134 PBS 6/15/2022	SampTy Batch Analysis Da Result 14 SampTy Batch Analysis Da	pe: Ics ID: 681 te: 6/ PQL 1.5 pe: mb ID: 681 te: 6/	131 15/2022 SPK value 15.00 blk 134 15/2022	Tes F SPK Ref Val 0 Tes F S	tCode: El RunNo: 8 SeqNo: 3 %REC 95.1 tCode: El RunNo: 8 SeqNo: 3	PA Method 8758 152168 LowLimit 90 PA Method 8758 152203	300.0: Anion: Units: mg/K HighLimit 110 300.0: Anion: Units: mg/K	s 9 %RPD s 9	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date: Analyte	LCS-68131 LCSS 6/15/2022 MB-68134 PBS 6/15/2022	SampTy Batch I Analysis Da Result 14 SampTy Batch I Analysis Da Result	pe: Ics ID: 68' te: 6/' PQL 1.5 pe: mb ID: 68' te: 6/' PQL	131 15/2022 SPK value 15.00 blk 134 15/2022 SPK value	Tes F SPK Ref Val 0 Tes F SPK Ref Val	tCode: <b>E</b> RunNo: <b>8</b> SeqNo: <b>3</b> %REC 95.1 tCode: <b>E</b> RunNo: <b>8</b> SeqNo: <b>3</b> %REC	PA Method 8758 152168 LowLimit 90 PA Method 8758 152203 LowLimit	300.0: Aniona Units: mg/K HighLimit 110 300.0: Aniona Units: mg/K HighLimit	s 9 %RPD s s 9 %RPD	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date: Analyte Chloride	LCS-68131 LCSS 6/15/2022 MB-68134 PBS 6/15/2022	SampTy Batch Analysis Da Result 14 SampTy Batch Analysis Da Result ND	pe: Ics ID: 68' PQL 1.5 ID: 68' ID: 68' te: 6/ PQL 1.5	131 15/2022 SPK value 15.00 Dlk 134 15/2022 SPK value	Tes F SPK Ref Val 0 Tes F SPK Ref Val	tCode: <b>Ei</b> RunNo: <b>8</b> SeqNo: <b>3</b> %REC 95.1 tCode: <b>Ei</b> RunNo: <b>8</b> SeqNo: <b>3</b> %REC	PA Method 8758 152168 LowLimit 90 PA Method 8758 152203 LowLimit	300.0: Anion: Units: mg/K HighLimit 110 300.0: Anion: Units: mg/K HighLimit	s 9 %RPD s 9 %RPD	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I	LCS-68131 LCSS 6/15/2022 MB-68134 PBS 6/15/2022 LCS-68134	SampTy Batch Analysis Da Result 14 SampTy Batch Analysis Da Result ND	pe: Ics ID: 68' PQL 1.5 ID: 68' ID: 68' te: 6/ PQL 1.5 pe: Ics	131 15/2022 SPK value 15.00 Dlk 134 15/2022 SPK value	Tes F SPK Ref Val 0 Tes SPK Ref Val Tes	tCode: El RunNo: 8 SeqNo: 3 %REC 95.1 tCode: El RunNo: 8 SeqNo: 3 %REC	PA Method 8758 152168 LowLimit 90 PA Method 8758 152203 LowLimit PA Method	300.0: Anion: Units: mg/K HighLimit 110 300.0: Anion: Units: mg/K HighLimit 300.0: Anion:	s %RPD s %RPD s	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I	LCS-68131 LCSS 6/15/2022 MB-68134 PBS 6/15/2022 LCS-68134 LCSS	SampTy Batch Analysis Da Result 14 SampTy Batch Analysis Da Result ND SampTy Batch	pe: Ics ID: 68' te: 6/ PQL 1.5 ID: 68' ID: 68' ID: 68' ID: 68'	131 15/2022 SPK value 15.00 DIK 134 15/2022 SPK value	Tes SPK Ref Val 0 Tes SPK Ref Val SPK Ref Val	tCode: EI RunNo: 8 SeqNo: 3 %REC 95.1 tCode: EI RunNo: 8 %REC tCode: EI RunNo: 8	PA Method 8758 152168 LowLimit 90 PA Method 8758 152203 LowLimit PA Method 8758	300.0: Anion: Units: mg/K HighLimit 110 300.0: Anion: Units: mg/K HighLimit 300.0: Anion:	s 9 %RPD s 9 %RPD s	RPDLimit RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date:	LCS-68131 LCSS 6/15/2022 MB-68134 PBS 6/15/2022 LCS-68134 LCSS 6/15/2022	SampTy Batch Analysis Da Result 14 SampTy Batch ND SampTy Batch Analysis Da	pe: Ics ID: 68' PQL 1.5 ID: 68' ID: 68' PQL 1.5 ID: 68' ID: 68' ID: 68'	131 15/2022 SPK value 15.00 blk 134 15/2022 SPK value	Tes F SPK Ref Val 0 Tes SPK Ref Val Tes F SPK Ref Val	tCode: El RunNo: 8 SeqNo: 3 %REC 95.1 tCode: El RunNo: 8 %REC tCode: El RunNo: 8 SeqNo: 3	PA Method 8758 152168 LowLimit 90 PA Method 8758 LowLimit PA Method 8758 152203	300.0: Anion: Units: mg/K HighLimit 110 300.0: Anion: Units: mg/K HighLimit 300.0: Anion: Units: mg/K	s 9 %RPD s %RPD s s	RPDLimit	Qual
Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date: Analyte Chloride Sample ID: I Client ID: I Prep Date: Analyte	LCS-68131 LCSS 6/15/2022 MB-68134 PBS 6/15/2022 LCS-68134 LCSS 6/15/2022	SampTy Batch I Analysis Da Result 14 SampTy Batch I Analysis Da Result SampTy Batch I Analysis Da Result	pe: Ics ID: 68' te: 6/ PQL 1.5 pe: mb ID: 68' te: 6/ ID: 68' ID: 68' te: 6/ PQL	131 15/2022 SPK value 15.00 blk 134 15/2022 SPK value SPK value	Tes SPK Ref Val 0 Tes SPK Ref Val Tes SPK Ref Val	tCode: El RunNo: 8 SeqNo: 3 %REC 95.1 tCode: El RunNo: 8 %REC tCode: El RunNo: 8 SeqNo: 3 %REC	PA Method 8758 152168 LowLimit 90 PA Method 8758 152203 LowLimit PA Method 8758 152204 LowLimit	300.0: Anion: Units: mg/K HighLimit 110 300.0: Anion: Units: mg/K HighLimit Units: mg/K HighLimit	s 9 %RPD 5 9 %RPD 5 8 8 %RPD	RPDLimit RPDLimit	Qual

#### Qualifiers:

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

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## **QC SUMMARY REPORT** Ha

C SUMMANT NEI ONI	WO#:	2206593
all Environmental Analysis Laboratory, Inc.		06-Jul-22

Client:	EOG										
Project:	Roy SWI	) 3									
Sample ID:	MB-68065	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	h ID: 68	065	F	RunNo: <b>88</b>	3742				
Prep Date:	6/13/2022	Analysis D	Date: 6/	15/2022	S	SeqNo: 31	51428	Units: mg/K	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	ND	15								
Motor Oil Rang	ge Organics (MRO)	ND	50								
Surr: DNOP		9.8		10.00		98.2	51.1	141			
Sample ID:	LCS-68065	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batcl	h ID: 68	065	F	RunNo: <b>88</b>	3742				
Prep Date:	6/13/2022	Analysis D	Date: 6/	15/2022	S	SeqNo: 31	52628	Units: mg/K	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	50	15	50.00	0	99.1	64.4	127			
Surr: DNOP		4.6		5.000		92.7	51.1	141			
Sample ID:	LCS-68067	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID:	LCSS	Batcl	h ID: 68	067	F	RunNo: <b>88</b>	3742				
Prep Date:	6/13/2022	Analysis D	Date: 6/	15/2022	5	SeqNo: 31	52629	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	- %RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	50	15	50.00	0	101	64.4	127			
Surr: DNOP		5.0		5.000		100	51.1	141			
Sample ID:	MB-68067	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	PBS	Batch	h ID: 68	067	F	RunNo: <b>88</b>	3742		-	-	
Prep Date:	6/13/2022	Analysis D	Date: 6/	15/2022	S	SeqNo: 31	52630	Units: mg/K	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	ND	15								
Motor Oil Rang	ge Organics (MRO)	ND	50								
Surr: DNOP		8.9		10.00		88.7	51.1	141			
Sample ID:	LCS-68103	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batcl	h ID: 68	103	F	RunNo: <b>88</b>	8796				
Prep Date:	6/14/2022	Analysis D	Date: 6/	16/2022	S	SeqNo: 31	54083	Units: <b>mg/K</b>	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	58	15	50.00	0	116	64.4	127			
Surr: DNOP		6.0		5.000		120	51.1	141			

#### **Qualifiers:**

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- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank В
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Client: EOG										
Project: Roy S	SWD 3									
Sample ID: MB-68103 SampType: MBLK				Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batcl	n ID: 68	103	R	RunNo: <b>8</b>	8796				
Prep Date: 6/14/2022	Analysis D	0ate: 6/	16/2022	S	SeqNo: 3	154084	Units: mg/K	ſg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	) ND	50								
Surr: DNOP	11		10.00		109	51.1	141			

#### Qualifiers:

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- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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06-Jul-22

WO#:

EOG

**Client:** 

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

WO#:	220659
	06-Jul-2

Project: Roy SV	VD 3									
Sample ID: Ics-68042	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch	ID: 68	042	F	RunNo: <b>8</b>	8678				
Prep Date: 6/10/2022	Analysis Da	ate: 6/	13/2022	S	SeqNo: 3	148521	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.7	72.3	137			
Surr: BFB	2800		1000		276	37.7	212			S
Sample ID: mb-68042	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e	
Client ID: PBS	Batch	ID: 68	042	F	RunNo: <b>8</b>	8678				
Prep Date: 6/10/2022	Analysis Da	ate: 6/	13/2022	S	SeqNo: 3	148522	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	830		1000		82.9	37.7	212			
Sample ID: Ics-68044	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID: LCSS	Batch	ID: 68	044	F	RunNo: <b>8</b>	8678				
Prep Date: 6/10/2022	Analysis Da	ate: 6/	14/2022	5	SeqNo: 3	148545	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.0	72.3	137			
Surr: BFB	1900		1000		191	37.7	212			
Sample ID: mb-68044	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch	ID: 68	044	F	RunNo: 8	8678				
Prep Date: 6/10/2022	Analysis Da	ate: 6/	14/2022	S	SeqNo: 3	148546	Units: mg/k	٢g		
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		92.6	37.7	212			

**Qualifiers:** 

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- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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EOG

**Client:** 

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

Project:	Roy S	WD 3									
Sample ID:	lcs-68042	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	tiles		
Client ID:	LCSS	Batcl	h ID: 68	042	F	RunNo: 8	8678				
Prep Date:	6/10/2022	Analysis E	Date: 6/	13/2022	S	SeqNo: 3	148559	Units: <b>mg/#</b>	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.93	0.025	1.000	0	93.2	80	120			
Toluene		0.94	0.050	1.000	0	93.7	80	120			
Ethylbenzene		0.93	0.050	1.000	0	93.5	80	120			
Xylenes, Total		2.8	0.10	3.000	0	92.8	80	120			
Surr: 4-Brom	ofluorobenzene	0.84		1.000		84.4	70	130			
Sample ID:	mb-68042	SampT	Гуре: <b>МЕ</b>	BLK	Tes	tCode: EF	PA Method	8021B: Volat	tiles		
Client ID:	PBS	Batc	h ID: 68	042	F	RunNo: <b>8</b>	8678				
Prep Date:	6/10/2022	Analysis E	Date: 6/	13/2022	S	SeqNo: 3	148560	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.82		1.000		82.1	70	130			
Sample ID:	lcs-68044	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	tiles		
Client ID:	LCSS	Batcl	h ID: 68	044	F	RunNo: <b>8</b>	8678				
Prep Date:	6/10/2022	Analysis E	Date: 6/	14/2022	S	SeqNo: 3	148594	Units: <b>mg/H</b>	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.91	0.025	1.000	0	91.4	80	120			
Toluene		0.93	0.050	1.000	0	92.8	80	120			
Ethylbenzene		0.91	0.050	1.000	0	91.3	80	120			
Xylenes, Total		2.7	0.10	3.000	0	90.0	80	120			
Surr: 4-Brom	ofluorobenzene	0.85		1.000		85.5	70	130			
Sample ID:	mb-68044	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID:	PBS	Batc	h ID: 68	044	F	RunNo: <b>8</b>	8678				
Prep Date:	6/10/2022	Analysis E	Date: 6/	14/2022	5	SeqNo: 3	148595	Units: <b>mg/k</b>	ζg		
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-Brom	ofluorobenzene	0.84		1.000		84.3	70	130			

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ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 35 of 35

#### WO#: 2206593 06-Jul-22

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albu TEL: 505-345-3975 Website: www.hau	Analysis Labor 4901 Hawkin querque, NM 8 FAX: 505-345- lenvironmenta	atory 18 NE 7109 <b>Sam</b> 4107 1.com	ple Log-In Ch	eck List
Client Name: EOG	Work Order Number:	2206593		RcptNo: 1	
Received By: Cheyenne Cason	6/10/2022 7:20:00 AM		Chenl		
Reviewed By: Sean Livingston KPA 6	6/10/2022 8:38:17 AM 10·22 2-2-		Sala	joh-	
hain of Custody 6 · 10 ·	22				
Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present	
How was the sample delivered?		<u>Courier</u>			
<u>.og In</u> Was an attempt made to cool the samples?		Yes 🗹	No 🗌		
Were all samples received at a temperature of	>0° C to 6.0°C	Yes 🗹	No 🗌		
Sample(s) in proper container(s)?		Yes 🗹	No 🗆		
Sufficient sample volume for indicated test(s)?		Yes 🔽	No 🗌		
Are samples (except VOA and ONG) properly	preserved?	Yes 🗹	No 🗌		
Was preservative added to bottles?		Yes 🗌	No 🔽	NA 🗌	
Received at least 1 vial with headspace <1/4"	or AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
. Were any sample containers received broken	2	Yes ∐	No 🗹 🛛	# of preserved	
. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	for pH: (<2 or ≥	2 unless noted)
Are matrices correctly identified on Chain of C	ustody?	Yes 🗹	No 🗆	Adjusted?	
Is it clear what analyses were requested?		Yes 🗹	No 🗌		
. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗆	Checked by:	W 6/10/2
ecial Handling (if applicable)					
5. Was client notified of all discrepancies with th	s order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date:				
By Whom:	Via:	] eMail 🔲 I	Phone 🗌 Fax	In Person	
Regarding:					
Client Instructions:			,	· · · ·	
. Additional remarks:					
. Cooler Information					
Cooler No Temp ºC Condition Sea	I Intact Seal:No S	eal Date	Signed By		

•

Chain-of-Custody Record	Turn-Around Time:				
Client: EOG-Artesia / Ranger Env.	D Standard	lang TAT			
	Project Name:	>		www.hallenvironmental.com	
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	C# cms ms		4901	1 Hawkins NE - Albuquerque, NM 87109	
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375		Tel.	505-345-3975 Fax 505-345-4107	
Phone #: 521-335-1785				Analysis Request	
email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf		(1		
QA/QC Package:			୦ଧ		
Standard C Level 4 (Full Validation)	)		N / C	· · · · · · · · · · · · · · · · · · ·	
Accreditation:	Sampler: N. Lenne V.		20 / מאיי	(00	<u> </u>
EDD (Type) Excel	# of Coolers / *****		ਹਮੁਤ (	E A(	
	Cooler Lempineinang cr.) 5.6.25	5.6	1208 5D(0	·····	
	Container Dreservative		8) X 108: 1.1		
Date Time Matrix Sample Name	Type and # Type	06.533	BTB H9T	CHIO	
6/6/2 0415 Sal Ex - 19 A 13-14	" IV YOR THE TOF	) B	X X X		
$ \mathcal{A}_{1} \neq 0 \\ \forall -x_{3}   1 \\ \forall 5 \\ \forall 1   1,$		200			
HHS     Ex-26 4-m		500			
0920   Ex - 20 7 4		204			
1 1353 Ex - a8 A-14		500			
1 0424   Ex-31 X-14	wet	లింగ			
1117 Ex-32		<i>с</i> 07			
11 - CM - 14		PVO			
1354 EW-15		209			
1)-m= 1/25(1) /-		010	-		
6/7/22 1150 1 EW-17		011			
+11030 J Ex-33		210	Г Л		
Date: Time: Relinquished by:	Received by: Via: Date	Time	Remarks:	Bill to EOG Artesia	
49127 HIST W. Lermin	AMMULLE MAR	2 1498	ter Wil	N, removed an "A" attr sample las. 02. mas cont. ore ont. 027 mas ma	4.
Date Time: Relinquished by:	Rěčěřived by: Via: V // //	Time	030, r	ma. 16/22	)
WARD (MALLIN)	One counier letter	0720		0' -	
If necessary, samples submitted to Hall Environmental may be s	subcontracted to other accredited laboratories. This se	erves as notice of thi	s possibility. A	Any sub-contracted data will be clearly notated on the analytical repoi	

**Released to Imaging: 11/16/2022 2:16:42 PM** 

Page 120 of 161

Chain-of-Custody Record	Turn-Around Time:	
Client: EOG-Artesia / Ranger Env.	D Standard & Rush 5- day 7.97	
	Project Name:	www.hattenvironmental.com
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Kay Swid #3	4901 Hawkins NE - Albuquerque, NM 87109
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Tel. 505-345-3975 Fax 505-345-4107
Phone #: 521-335-1785		Analysis Request
email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	
QA/QC Package:		031
Standard      Level 4 (Full Validation)		
Accreditation:	Sampler: \N. Kennedu Onlice	(00 )YG / (
EDD (Type) Excel	# of Goolers	) ( С С А С А С А С А С А С А С А С А С А
	Cooler Tempfinitionschild: 2.2%0.5.5.0	8021 = (EF
	Container Preservative HEAL No	EX ((
Date Time Matrix Sample Name	Type and # Type	CPI
6/2/22 632 5011 Ex-34	1/2 YOUR TEE 013	N Y K
1 1034 1 Ex-35	1 C C C C L C L C L C L C L C L C L C L	
1 104 1 Ex - 36	0 <sup>i</sup> S	
10% CV-27	5 <sup>0</sup>	
1 1040 1 Ex - 39	0(7	
1 119 1 Ex-42	018	
$      45    E_{x} - 44$	019	
1 1147 + Ex-45	t t oro	
6/12 1045 FTH-2/7	051	
1 1119   ETH-21 14	220	
1111 1 Ert- 4/8	· 620 7 7	
L 1355 L ETH-21/7	L L 024	111111111111111111111111111111111111111
Date: Time: Relinquished by; CM/2 1955 W. // C	Received by: Via: Date Time R	Remarks: Bill to EOG Artesia
Date: Time: Relinquished by:	Received by: Via: Via: Date Time	
Malar And Annar )	CMC COUNCI GIODE 0720	
If necessary, samples submitted to Hati Environmental may be su	subcontracted to other accredited laboratories. This serves as notice of this	possibility. Any sub-contracted data will be clearly notated on the analytical report





June 30, 2022

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2206B35

RE: Roy SWD 3

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 11 sample(s) on 6/22/2022 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,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

**Diesel Range Organics (DRO)** 

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

**EPA METHOD 8021B: VOLATILES** 

**EPA METHOD 8015D: GASOLINE RANGE** 

Surr: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

**Analytical Report** 

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206B35

Date Reported: 6/30/2022

6/24/2022 6:20:52 PM

6/24/2022 6:20:52 PM

6/24/2022 6:20:52 PM

6/24/2022 5:16:00 PM

68331

68331

68331

68296

68296

68296

68296

68296

68296

68296

Analyst: BRM

Analyst: BRM

CLIENT	: EOG		Client	t Sample II	D: ET	'H-3/1	
Project:	Roy SWD 3		Coll	ection Dat	<b>e:</b> 6/1	5/2022 1:10:00 PM	
Lab ID:	2206B35-001	Matrix:	Re	ceived Dat	<b>e:</b> 6/2	2/2022 7:20:00 AM	
Analyses	S	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	st: <b>JMT</b>
Chloride	)	ND	60	mg/Kg	20	6/27/2022 3:32:38 PM	68377
EPA ME	THOD 8015M/D: DIESEL	RANGE ORGANICS				Analys	st: ED

14

47

4.8

51.1-141

37.7-212

0.024

0.048

0.048

0.097

70-130

mg/Kg

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

1

1

1

ND

ND

105

ND

86.5

ND

ND

ND

ND

83.6

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

**Qualifiers:** 

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

Page 1 of 15

Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206B35

Date Reported: 6/30/2022

6/24/2022 7:54:00 PM

68315

CLIENT	: EOG		Cl	ient Sample II	D: ET	ГН-3/4	
Project:	Roy SWD 3		(	Collection Dat	<b>e:</b> 6/2	15/2022 1:16:00 PM	
Lab ID:	2206B35-002	Matrix:		<b>Received Dat</b>	<b>e:</b> 6/2	22/2022 7:20:00 AM	
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	t: JMT
Chloride	)	ND	60	mg/Kg	20	6/27/2022 3:45:02 PM	68377
EPA ME	THOD 8015M/D: DIESEL	RANGE ORGANICS				Analys	t: ED
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/24/2022 7:04:56 PM	68328
Motor Oi	il Range Organics (MRO)	ND	49	mg/Kg	1	6/24/2022 7:04:56 PM	68328
Surr:	DNOP	93.6	51.1-141	%Rec	1	6/24/2022 7:04:56 PM	68328
EPA ME	THOD 8015D: GASOLINE	RANGE				Analys	t: BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/24/2022 7:54:00 PM	68315
Surr:	BFB	86.9	37.7-212	%Rec	1	6/24/2022 7:54:00 PM	68315
EPA ME	THOD 8021B: VOLATILE	S				Analys	t: BRM
Benzene	e	ND	0.024	mg/Kg	1	6/24/2022 7:54:00 PM	68315
Toluene		ND	0.049	mg/Kg	1	6/24/2022 7:54:00 PM	68315
Ethylben	nzene	ND	0.049	mg/Kg	1	6/24/2022 7:54:00 PM	68315
Xylenes,	, Total	ND	0.097	mg/Kg	1	6/24/2022 7:54:00 PM	68315

85.0

70-130

%Rec

1

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

**Qualifiers:** 

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

Page 2 of 15

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206B35

Date Reported: 6/30/2022

CLIENT:	EOG		Clie	ent Sample II	<b>):</b> E1	ГН-3/8	
Project:	Roy SWD 3		С	ollection Dat	<b>e: 6</b> /1	15/2022 1:33:00 PM	
Lab ID:	2206B35-003	Matrix:	]	Received Dat	<b>e:</b> 6/2	22/2022 7:20:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analys	t: JMT
Chloride		75	60	mg/Kg	20	6/27/2022 4:22:15 PM	68377
ΕΡΑ ΜΕΤ	HOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: <b>ED</b>
Diesel Ra	ange Organics (DRO)	ND	13	mg/Kg	1	6/24/2022 7:38:00 PM	68328
Motor Oil	Range Organics (MRO)	ND	43	mg/Kg	1	6/24/2022 7:38:00 PM	68328
Surr: D	DNOP	106	51.1-141	%Rec	1	6/24/2022 7:38:00 PM	68328
ΕΡΑ ΜΕΤ	HOD 8015D: GASOLINE F	RANGE				Analys	t: BRM
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	6/24/2022 8:53:00 PM	68315
Surr: E	BFB	85.7	37.7-212	%Rec	1	6/24/2022 8:53:00 PM	68315
ΕΡΑ ΜΕΤ	HOD 8021B: VOLATILES					Analys	t: BRM
Benzene		ND	0.023	mg/Kg	1	6/24/2022 8:53:00 PM	68315
Toluene		ND	0.047	mg/Kg	1	6/24/2022 8:53:00 PM	68315
Ethylbenz	zene	ND	0.047	ma/Ka	1	6/24/2022 8:53:00 PM	68315

ND

83.5

0.094

70-130

mg/Kg

%Rec

1

1

6/24/2022 8:53:00 PM

6/24/2022 8:53:00 PM

68315

68315

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

**Qualifiers:** 

Xylenes, Total

Surr: 4-Bromofluorobenzene

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
- Page 3 of 15

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 2206B35

Date Reported: 6/30/2022

CLIENT: EOG		Clie	nt Sample II	D:EV	N-7	
<b>Project:</b> Roy SWD 3		Co	ollection Dat	<b>e:</b> 6/2	20/2022 10:00:00 AM	
Lab ID: 2206B35-004	Matrix:	R	leceived Dat	<b>e:</b> 6/2	22/2022 7:20:00 AM	
Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	360	60	mg/Kg	20	6/27/2022 4:34:39 PM	68377
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/24/2022 7:49:00 PM	68328
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/24/2022 7:49:00 PM	68328
Surr: DNOP	79.0	51.1-141	%Rec	1	6/24/2022 7:49:00 PM	68328
EPA METHOD 8015D: GASOLINE RA	ANGE				Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/24/2022 9:52:00 PM	68315
Surr: BFB	87.2	37.7-212	%Rec	1	6/24/2022 9:52:00 PM	68315
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.025	mg/Kg	1	6/24/2022 9:52:00 PM	68315
Toluene	ND	0.050	mg/Kg	1	6/24/2022 9:52:00 PM	68315
Ethylbenzene	ND	0.050	mg/Kg	1	6/24/2022 9:52:00 PM	68315
Xylenes, Total	ND	0.10	mg/Kg	1	6/24/2022 9:52:00 PM	68315
Surr: 4-Bromofluorobenzene	84.5	70-130	%Rec	1	6/24/2022 9:52:00 PM	68315

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

Qualifiers: \* Value exceeds Maximum Contaminant Level.

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

Page 4 of 15

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 2206B35

Date Reported: 6/30/2022

CLIENT: EOG		Cl	ient Sample II	D: EV	W-8	
<b>Project:</b> Roy SWD 3		(	Collection Dat	<b>e:</b> 6/2	20/2022 10:02:00 AM	
Lab ID: 2206B35-005	Matrix:		<b>Received Dat</b>	<b>e:</b> 6/2	22/2022 7:20:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	360	60	mg/Kg	20	6/27/2022 4:47:03 PM	68377
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	ED:
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/24/2022 7:59:59 PM	68328
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/24/2022 7:59:59 PM	68328
Surr: DNOP	79.0	51.1-141	%Rec	1	6/24/2022 7:59:59 PM	68328
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/24/2022 10:12:00 PM	68315
Surr: BFB	86.0	37.7-212	%Rec	1	6/24/2022 10:12:00 PM	68315
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.024	mg/Kg	1	6/24/2022 10:12:00 PM	68315
Toluene	ND	0.048	mg/Kg	1	6/24/2022 10:12:00 PM	68315
Ethylbenzene	ND	0.048	mg/Kg	1	6/24/2022 10:12:00 PM	68315
Xylenes, Total	ND	0.095	mg/Kg	1	6/24/2022 10:12:00 PM	68315
Surr: 4-Bromofluorobenzene	85.5	70-130	%Rec	1	6/24/2022 10:12:00 PM	68315

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

Qualifiers:

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

Page 5 of 15

Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206B35

Date Reported: 6/30/2022

6/24/2022 10:32:00 PM 68315

CLIENT:	: EOG		Clien	t Sample II	<b>):</b> EX	X-12A	
Project:	Roy SWD 3		Col	llection Dat	e: 6/2	20/2022 10:37:00 AM	
Lab ID:	2206B35-006	Matrix:	R	eceived Dat	e: 6/2	22/2022 7:20:00 AM	
Analyses	8	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	: JMT
Chloride		520	60	mg/Kg	20	6/27/2022 5:24:16 PM	68377
EPA ME	THOD 8015M/D: DIESEL	RANGE ORGANICS				Analys	: ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/24/2022 8:10:59 PM	68328
Motor Oi	il Range Organics (MRO)	ND	47	mg/Kg	1	6/24/2022 8:10:59 PM	68328
Surr: I	DNOP	57.7	51.1-141	%Rec	1	6/24/2022 8:10:59 PM	68328
EPA ME	THOD 8015D: GASOLINE	ERANGE				Analys	BRM
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	6/24/2022 10:32:00 PM	68315
Surr: I	BFB	85.0	37.7-212	%Rec	1	6/24/2022 10:32:00 PM	68315
EPA ME	THOD 8021B: VOLATILE	S				Analys	BRM
Benzene	9	ND	0.024	mg/Kg	1	6/24/2022 10:32:00 PM	68315
Toluene		ND	0.048	mg/Kg	1	6/24/2022 10:32:00 PM	68315
Ethylben	izene	ND	0.048	mg/Kg	1	6/24/2022 10:32:00 PM	68315
Xvlenes.	Total	ND	0.097	ma/Ka	1	6/24/2022 10:32:00 PM	68315

83.9

70-130

%Rec

1

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

**Qualifiers:** 

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

Page 6 of 15

Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206B35

Date Reported: 6/30/2022

6/24/2022 10:52:00 PM 68315

<b>CLIENT</b> :	EOG		Cl	ient Sample II	D: EZ	X-13A	
Project:	Roy SWD 3		(	Collection Dat	<b>e:</b> 6/2	20/2022 10:39:00 AM	
Lab ID:	2206B35-007	Matrix:		<b>Received Dat</b>	<b>e:</b> 6/2	22/2022 7:20:00 AM	
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	t: JMT
Chloride		510	60	mg/Kg	20	6/27/2022 5:36:40 PM	68377
EPA ME	THOD 8015M/D: DIESEL	RANGE ORGANICS				Analyst	t: ED
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/24/2022 8:21:52 PM	68328
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	6/24/2022 8:21:52 PM	68328
Surr:	DNOP	65.3	51.1-141	%Rec	1	6/24/2022 8:21:52 PM	68328
EPA ME	THOD 8015D: GASOLINI	ERANGE				Analyst	t: BRM
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/24/2022 10:52:00 PM	68315
Surr:	BFB	85.2	37.7-212	%Rec	1	6/24/2022 10:52:00 PM	68315
EPA ME	THOD 8021B: VOLATILE	S				Analyst	t: BRM
Benzene	)	ND	0.024	mg/Kg	1	6/24/2022 10:52:00 PM	68315
Toluene		ND	0.049	mg/Kg	1	6/24/2022 10:52:00 PM	68315
Ethylben	izene	ND	0.049	mg/Kg	1	6/24/2022 10:52:00 PM	68315
Xylenes,	Total	ND	0.098	mg/Kg	1	6/24/2022 10:52:00 PM	68315

84.1

70-130

%Rec

1

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

**Qualifiers:** 

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

Page 7 of 15

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206B35

Date Reported: 6/30/2022

CLIENT:	EOG	Client Sample ID: EX-21A									
Project:	Roy SWD 3	Collection Date: 6/20/2022 11:15:00 AM									
Lab ID:	2206B35-008	Matrix:	Received Date: 6/22/2022 7:20:00 AM								
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA ME	THOD 300.0: ANIONS					Analys	: JMT				
Chloride		600	60	mg/Kg	20	6/27/2022 6:13:54 PM	68377				
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analys	ED:				
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/24/2022 8:32:50 PM	68328				
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	6/24/2022 8:32:50 PM	68328				
Surr: I	DNOP	77.5	51.1-141	%Rec	1	6/24/2022 8:32:50 PM	68328				
EPA ME	THOD 8015D: GASOLINE F	RANGE				Analys	BRM				
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	6/24/2022 11:11:00 PM	68315				
Surr: I	BFB	87.9	37.7-212	%Rec	1	6/24/2022 11:11:00 PM	68315				
EPA ME	THOD 8021B: VOLATILES					Analys	BRM				
Benzene	9	ND	0.025	mg/Kg	1	6/24/2022 11:11:00 PM	68315				
Toluene		ND	0.050	mg/Kg	1	6/24/2022 11:11:00 PM	68315				
Ethylben	zene	ND	0.050	mg/Kg	1	6/24/2022 11:11:00 PM	68315				
Xylenes,	Total	ND	0.10	mg/Kg	1	6/24/2022 11:11:00 PM	68315				
Surr: 4	4-Bromofluorobenzene	85.2	70-130	%Rec	1	6/24/2022 11:11:00 PM	68315				

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

**Qualifiers:** 

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

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**Analytical Report** Lab Order 2206B35

## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/30/2022

CLIENT:	EOG	Client Sample ID: EX-23A									
Project:	Roy SWD 3	Collection Date: 6/20/2022 10:43:00 AM									
Lab ID:	2206B35-009	Matrix: Received Date: 6/22/2022 7:20:00 AM									
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analys	t: JMT				
Chloride		380	60	mg/Kg	20	6/28/2022 12:13:39 AM	68393				
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: <b>ED</b>				
Diesel Ra	nge Organics (DRO)	ND	14	mg/Kg	1	6/24/2022 8:43:41 PM	68328				
Motor Oil	Range Organics (MRO)	ND	47	mg/Kg	1	6/24/2022 8:43:41 PM	68328				
Surr: D	NOP	97.1	51.1-141	%Rec	1	6/24/2022 8:43:41 PM	68328				
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analys	t: BRM				
Gasoline I	Range Organics (GRO)	ND	4.6	mg/Kg	1	6/24/2022 11:31:00 PM	68315				
Surr: Bl	FB	87.6	37.7-212	%Rec	1	6/24/2022 11:31:00 PM	68315				
EPA MET	HOD 8021B: VOLATILES					Analys	t: BRM				
Benzene		ND	0.023	mg/Kg	1	6/24/2022 11:31:00 PM	68315				
Toluene		ND	0.046	mg/Kg	1	6/24/2022 11:31:00 PM	68315				
Ethylbenz	ene	ND	0.046	mg/Kg	1	6/24/2022 11:31:00 PM	68315				
Xylenes, T	Fotal	ND	0.092	mg/Kg	1	6/24/2022 11:31:00 PM	68315				
Surr: 4-	Bromofluorobenzene	85.4	70-130	%Rec	1	6/24/2022 11:31:00 PM	68315				

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

**Qualifiers:** 

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

- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Roy SWD 3

2206B35-010

**CLIENT: EOG** 

**Project:** 

Lab ID:

Analytical Report Lab Order 2206B35

Hall	Environmental	Analysis	Laboratory,	Inc.

Date Reported: 6/30/2022

Client Sample ID: EX-28A
Collection Date: 6/20/2022 11:17:00 AM
Received Date: 6/22/2022 7:20:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	720	60	mg/Kg	20	6/28/2022 12:26:04 AM	68393
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	6/24/2022 8:54:35 PM	68328
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/24/2022 8:54:35 PM	68328
Surr: DNOP	60.4	51.1-141	%Rec	1	6/24/2022 8:54:35 PM	68328
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/24/2022 11:51:00 PM	68315
Surr: BFB	86.5	37.7-212	%Rec	1	6/24/2022 11:51:00 PM	68315
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.024	mg/Kg	1	6/24/2022 11:51:00 PM	68315
Toluene	ND	0.047	mg/Kg	1	6/24/2022 11:51:00 PM	68315
Ethylbenzene	ND	0.047	mg/Kg	1	6/24/2022 11:51:00 PM	68315
Xylenes, Total	ND	0.094	mg/Kg	1	6/24/2022 11:51:00 PM	68315
Surr: 4-Bromofluorobenzene	84.7	70-130	%Rec	1	6/24/2022 11:51:00 PM	68315

Matrix:

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

Qualifiers: \*

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

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 2206B35

Date Reported: 6/30/2022

-										
CLIENT:	CLIENT: EOG Client Sample ID: EW-18									
Project:	Roy SWD 3		(	Collection Dat	<b>e:</b> 6/2	20/2022 11:40:00 AM				
Lab ID:	2206B35-011	Matrix: Received Date: 6/22/2022 7:20:00 AM								
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analys	: JMT			
Chloride		880	60	mg/Kg	20	6/28/2022 12:38:29 AM	68393			
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	: ED			
Diesel R	ange Organics (DRO)	ND	13	mg/Kg	1	6/29/2022 3:12:37 PM	68328			
Motor Oi	I Range Organics (MRO)	ND	44	mg/Kg	1	6/29/2022 3:12:37 PM	68328			
Surr: I	DNOP	68.6	51.1-141	%Rec	1	6/29/2022 3:12:37 PM	68328			
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analys	BRM			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/25/2022 12:11:00 AM	68315			
Surr: I	BFB	88.7	37.7-212	%Rec	1	6/25/2022 12:11:00 AM	68315			
EPA ME	THOD 8021B: VOLATILES					Analys	BRM			
Benzene		ND	0.024	mg/Kg	1	6/25/2022 12:11:00 AM	68315			
Toluene		ND	0.049	mg/Kg	1	6/25/2022 12:11:00 AM	68315			
Ethylben	zene	ND	0.049	mg/Kg	1	6/25/2022 12:11:00 AM	68315			
Xylenes,	Total	ND	0.098	mg/Kg	1	6/25/2022 12:11:00 AM	68315			
Surr: 4	4-Bromofluorobenzene	87.0	70-130	%Rec	1	6/25/2022 12:11:00 AM	68315			

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

Qualifiers: \* Value exceeds Maximum Contaminant Level.

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

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# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2206B35

30-Jun-22

Client: Project:	EOG Roy SWD	3									
Sample ID:	MB-68377	SampType:	mblk	TestCode: EPA Method 300.0: Anions							
Client ID:	PBS	Batch ID:	68377	F	RunNo: <b>89045</b>						
Prep Date:	6/27/2022	Analysis Date:	6/27/2022	S	SeqNo: 3164356	Units: mg/Kg	Units: <b>mg/Kg</b>				
Analyte Chloride		Result PQ ND 1	L SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual		
Sample ID:	LCS-68377	SampType: Ics TestCode: EPA Method 3									
Client ID:	LCSS	Batch ID:	68377	F							
Prep Date:	6/27/2022	Analysis Date:	6/27/2022	ç	SeqNo: 3164357	Units: mg/Kg					
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual		
Chloride		14 1	.5 15.00	0	91.3 90	) 110					
Sample ID:	MB-68393	SampType:	mblk	Tes	tCode: EPA Metho	d 300.0: Anions					
Client ID:	PBS	Batch ID:	68393	F	RunNo: <b>89045</b>						
Prep Date:	6/27/2022	Analysis Date:	6/27/2022	S	SeqNo: <b>3164388</b>	Units: mg/Kg					
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual		
Chloride		ND 1	.5								
Sample ID:	LCS-68393	SampType:	lcs	Tes	tCode: EPA Metho	d 300.0: Anions					
Client ID:	LCSS	Batch ID:	68393	F	RunNo: <b>89045</b>						
Prep Date:	6/27/2022	Analysis Date:	6/27/2022	S	SeqNo: <b>3164389</b>	Units: mg/Kg					
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC LowLimi	t HighLimit	%RPD	RPDLimit	Qual		
Chloride		14 1	.5 15.00	0	92.6 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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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EOG

Roy SWD 3

**Client:** 

**Project:** 

Client ID:

Prep Date:

Client ID:

Prep Date:

Surr: DNOP

Analyte

PBS

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

6/23/2022

Sample ID: LCS-68331

LCSS

6/23/2022

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

SampType: LCS

Batch ID: 68331

Analysis Date: 6/24/2022

Batch ID: 68328

Analysis Date: 6/24/2022

PQL

15

50

Result

ND

ND

9.4

Estimated value

Analyte detected below quantitation limits

1	В	Analyte	e det	ected	in the	associated	Method	Blank
	-							

J

Р Sample pH Not In Range

RL Reporting Limit

SPK value SPK Ref Val %REC

10.00

**Qualifiers:** 

- Value exceeds Maximum Contaminant Level D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

- POL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	15	50.00	0	121	64.4	127			
Surr: DNOP	5.8		5.000		116	51.1	141			
Sample ID: MB-68331	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batcl	n ID: 68	331	F	RunNo: 89016					
Prep Date: 6/23/2022	Analysis E	Date: 6/	24/2022	ę	SeqNo: 3	161317	Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.3	51.1	141			
Sample ID: LCS-68328	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batcl	n ID: 68	328	F	RunNo: <b>8</b> 9	9016				
Prep Date: 6/23/2022	Analysis E	Date: 6/	24/2022	ę	SeqNo: 3	162504	Units: <b>mg/K</b>	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	15	50.00	0	108	64.4	127			
Surr: DNOP	5.0		5.000		99.8	51.1	141			
Sample ID: MB-68328	ample ID: MB-68328 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics									

RunNo: 89016

94.1

SeqNo: 3162505

LowLimit

51.1

RunNo: 89016

SeqNo: 3161315

TestCode: EPA Method 8015M/D: Diesel Range Organics

Units: mg/Kg

Units: mg/Kg

141

%RPD

RPDLimit

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Qual

HighLimit

WO#: 2206B35

30-Jun-22

Е

EOG

Roy SWD 3

**Client:** 

**Project:** 

Surr: BFB

Sample ID: Ics-68296

Client ID: LCSS

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

870

1000

SampType: LCS

Batch ID: 68296

Prep Date: 6/22/2022	Analysis Da	ate: 6/2	24/2022	SeqNo: 3161636			Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.4	72.3	137				
Surr: BFB	1900		1000		191	37.7	212				
Sample ID: mb-68296	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 68296			F	RunNo: 89028						
Prep Date: 6/22/2022	Analysis Da	ate: 6/2	24/2022	Ş	SeqNo: 31	161637	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Surr: BFB	870		1000		86.6	37.7	212				
Sample ID: Ics-68315	Ics-68315 SampType: LCS			Tes	tCode: EF	PA Method	8015D: Gasol	ine Range	•		
Client ID: LCSS	Batch	ID: 683	815	RunNo: 89028							
Prep Date: 6/23/2022	Analysis Da	ate: 6/2	24/2022	:	SeqNo: 3161660			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.9	72.3	137				
Surr: BFB	1900		1000		188	37.7	212				
Sample ID: mb-68315	SampTy	/pe: <b>ME</b>	BLK	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range	•		
Client ID: PBS	Batch	ID: 683	815	F	RunNo: <b>8</b> 9	9028					
Prep Date: 6/23/2022	Analysis Da	ate: 6/2	24/2022	\$	SeqNo: 31	161661	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 89028

#### Qualifiers:

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

87.5

37.7

212

- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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#### WO#: 2206B35

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2206B35

30-Jun-22

Client:	EOG										
Project:	Roy SWD	3									
Sample ID:	lcs-68296	Samp	Гуре: <b>LC</b>	S	Tes	tCode: EF					
Client ID:	LCSS	Batch ID: 68296			RunNo: 89028						
Prep Date:	6/22/2022	Analysis [	Date: 6/2	24/2022	5	SeqNo: 31	61708	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.94	0.025	1.000	0	94.3	80	120			
Toluene		0.95	0.050	1.000	0	94.8	80	120			
Ethylbenzene		0.93	0.050	1.000	0	93.1	80	120			
Xylenes, Total		2.8	0.10	3.000	0	91.8	80	120			
Surr: 4-Brom	nofluorobenzene	0.88		1.000		88.3	70	130			
Sample ID:	ample ID: mb-68296 SampType: MBLK			Tes	tCode: EF	PA Method	8021B: Volati	les			
Client ID:	PBS	Batc	h ID: 682	296	F	RunNo: <b>89</b>	9028				
Prep Date:	6/22/2022	Analysis [	Date: 6/2	24/2022	S	SeqNo: 31	61709	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	nofluorobenzene	0.86		1.000		86.0	70	130			
Sample ID:	lcs-68315	SampType:     LCS     TestCode:     EPA Method 8021B:     Volatiles									
Client ID:	LCSS	Batc	h ID: 683	815	RunNo: 89028						
Prep Date:	6/23/2022	Analysis [	Date: 6/2	24/2022	5	SeqNo: 31	61732	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.93	0.025	1.000	0	92.8	80	120			
Toluene		0.94	0.050	1.000	0	93.7	80	120			
Ethylbenzene		0.92	0.050	1.000	0	92.1	80	120			
Xylenes, Total		2.7	0.10	3.000	0	91.1	80	120			
Surr: 4-Brom	nofluorobenzene	0.85		1.000		85.1	70	130			
Sample ID:	mb-68315	Samp	Гуре: МЕ	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID:	PBS	Batc	h ID: 683	815	RunNo: 89028						
Prep Date:	6/23/2022	Analysis [	Date: 6/2	24/2022	S	SeqNo: 31	61733	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	nofluorobenzene	0.83		1.000		83.0	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 Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmenta Al TEL: 505-345-397 Website: www.J	al Analy 490 buquerq 75 FAX: hallenvia	sis Labora 11 Hawkins 14e, NM 87 505-345-4 conmental.c	tory NE 109 <b>S</b> 107 com	ample Log-I	n Check List
Client Name: EOG	Work Order Numbe	er: 220	6B35		Rc	ptNo: 1
Received By: Cheyenne Cason 6/	22/2022 7:20:00 AM	N		Chul		
Completed By: Cheyenne Cason 6/	22/2022 9:23:23 AM	N		chul		
Reviewed By: Jn 6/22/22						
Chain of Custody						
1. Is Chain of Custody complete?		Yes	~	No [	Not Present	
2. How was the sample delivered?		Cou	ier			
<u>Log In</u>						
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 🗌	2	
6. Sufficient sample volume for indicated test(s)?		Yes	~	No 🗌	]	
7. Are samples (except VOA and ONG) properly pre	eserved?	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 🔽	# of preserved	
11. Does paperwork match bottle labels?		Yes	~	No 🗌	bottles checked for pH:	1
(Note discrepancies on chain of custody)					(•	<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Cust	ody?	Yes	~	No	Adjusted?	
13. Is it clear what analyses were requested?		Yes	~	No		10 1.
(If no, notify customer for authorization.)		Yes	~	No	Checked b	y: 6-22-0
Special Handling (if applicable)						
15. Was client notified of all discrepancies with this c	order?	Yes		No 🗌	NA I	<b>v</b>
Person Notified:	Date:				-	
By Whom:	Via: [	eMa	il 🗌 Ph	one 🗌 Fa	ax 🔲 In Person	
Regarding:						
Client Instructions:						S
16. Additional remarks:						
17. <u>Cooler Information</u>						
Cooler No Temp °C Condition Seal In	tact Seal No S	Seal Da	te S	igned By		

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Page 1 of 1

Chain-of-Custody Record	Turn-Around Time:	
Client: EOG-Artesia / Ranger Env.	D Standard Rush 5- Jon TAT	HALL ENVIRONMENTAL
	Project Name:	
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Por SWO 43	4901 Hawking NE - Alking Industries NM 87100
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Tel 505-345-3975 Fax 505-345-4107
Phone #: 521-335-1785		Analysis Request
email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	
QA/QC Package:		11RO)
Standard   Level 4 (Full Validation)		
Accreditation:	Sampler W. Krunech Jone Martine	
NELAC Other	On Ice: 77 Yes INO	
EDD (Type) Excel	# of Coolers: (	) GR PA :
	Cooler Temp(including CF) 5,0+0,1 25.0 5.1	3021 5D() (EF
Date Time Matrix Sample Name	Container Preservative HEAL No.	TEX (8 PH:801 hloride
6/15/22 1310 Joil ETH -3/2	I'v 402 Put TCE pol	
1 1316 1 ETH-3/4	500	
+ 1333 + ETH-3/8	1 1 003	
Gladia looo Soil FW-7	Gey	
1 1002 1 Ew-3	805.	
1037 Ex-12A	006	
1091 Ex-13.A	co1	
ILKI EX-QIA	800	
1043 Ex-23A	004	
1117 EV-28A	010	
ILTO MANDA	1 + 011	271
Date: Time: Relinquished by:	Received by: Via: Date Time	Remarks: Bill to EOG Artesia
WAILED OF55 W. Martin	WWWWWWWW 1/2/12 155	
Aria lime: Reinquished by:	Received by: Via: Daté Time	
all common all ester	CIAC COMA Classe 0720	
If necessary, samples submitted to Hall Environmental may be sub	contracted to other accredited laboratories. This serves as notice of this	possibility. Any sub-contracted data will be clearly notated on the analytical report



July 01, 2022

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2206C28

Dear Will Kierdorf:

RE: Roy SWD 3

Hall Environmental Analysis Laboratory received 3 sample(s) on 6/23/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206C28

Date Reported: 7/1/2022

CLIENT:	EOG	Client Sample ID: ETH-4/4									
Project:	Roy SWD 3	Collection Date: 6/22/2022 9:42:00 AM									
Lab ID:	2206C28-001	Matrix: SOIL		<b>Received Date</b>	e: 6/2	23/2022 7:20:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analyst	: ЈМТ				
Chloride		2000	60	mg/Kg	20	6/28/2022 12:50:54 AM	68393				
EPA MET	THOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED				
Diesel R	ange Organics (DRO)	ND	15	mg/Kg	1	6/27/2022 3:59:01 PM	68344				
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	6/27/2022 3:59:01 PM	68344				
Surr: I	DNOP	122	51.1-141	%Rec	1	6/27/2022 3:59:01 PM	68344				
EPA MET	THOD 8015D: GASOLINE RANG	<b>GE</b>				Analyst	BRM				
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	6/25/2022 8:45:00 AM	68325				
Surr: I	BFB	87.1	37.7-212	%Rec	1	6/25/2022 8:45:00 AM	68325				
EPA MET	THOD 8021B: VOLATILES					Analyst	BRM				
Benzene	9	ND	0.025	mg/Kg	1	6/25/2022 8:45:00 AM	68325				
Toluene		ND	0.049	mg/Kg	1	6/25/2022 8:45:00 AM	68325				
Ethylben	izene	ND	0.049	mg/Kg	1	6/25/2022 8:45:00 AM	68325				
Xylenes,	Total	ND	0.098	mg/Kg	1	6/25/2022 8:45:00 AM	68325				
Surr: 4	4-Bromofluorobenzene	87.2	70-130	%Rec	1	6/25/2022 8:45:00 AM	68325				

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

**Qualifiers:** 

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

Page 1 of 7

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206C28

Date Reported: 7/1/2022

CLIENT:	LIENT: EOG Client Sample ID: ETH-4/9										
Project:	Roy SWD 3	Collection Date: 6/22/2022 10:15:00 AM									
Lab ID:	2206C28-002	Matrix: SOIL		<b>Received Dat</b>	e: 6/2	23/2022 7:20:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	: JMT				
Chloride		770	61	mg/Kg	20	6/28/2022 1:03:18 AM	68393				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED				
Diesel Ra	ange Organics (DRO)	ND	14	mg/Kg	1	6/27/2022 4:09:45 PM	68344				
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/27/2022 4:09:45 PM	68344				
Surr: [	ONOP	103	51.1-141	%Rec	1	6/27/2022 4:09:45 PM	68344				
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM				
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/25/2022 9:05:00 AM	68325				
Surr: E	3FB	93.7	37.7-212	%Rec	1	6/25/2022 9:05:00 AM	68325				
EPA MET	HOD 8021B: VOLATILES					Analyst	BRM				
Benzene		ND	0.024	mg/Kg	1	6/25/2022 9:05:00 AM	68325				
Toluene		ND	0.049	mg/Kg	1	6/25/2022 9:05:00 AM	68325				
Ethylben	zene	ND	0.049	mg/Kg	1	6/25/2022 9:05:00 AM	68325				
Xylenes,	Total	ND	0.097	mg/Kg	1	6/25/2022 9:05:00 AM	68325				
Surr: 4	4-Bromofluorobenzene	89.0	70-130	%Rec	1	6/25/2022 9:05:00 AM	68325				

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

**Qualifiers:** 

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

Page 2 of 7

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206C28

Date Reported: 7/1/2022

CLIENT:	EOG	Client Sample ID: ETH-4/12								
Project:	Roy SWD 3		(	Collection Date	e: 6/2	22/2022 10:21:00 AM				
Lab ID:	2206C28-003	Matrix: SOIL		Received Date	e: 6/2	23/2022 7:20:00 AM				
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	: JMT			
Chloride		170	60	mg/Kg	20	6/28/2022 1:15:43 AM	68393			
ЕРА МЕТ	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED			
Diesel R	ange Organics (DRO)	ND	14	mg/Kg	1	6/27/2022 4:20:27 PM	68344			
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	6/27/2022 4:20:27 PM	68344			
Surr: [	ONOP	98.3	51.1-141	%Rec	1	6/27/2022 4:20:27 PM	68344			
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	BRM			
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	6/25/2022 9:25:00 AM	68325			
Surr: E	3FB	88.0	37.7-212	%Rec	1	6/25/2022 9:25:00 AM	68325			
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	BRM			
Benzene		ND	0.023	mg/Kg	1	6/25/2022 9:25:00 AM	68325			
Toluene		ND	0.046	mg/Kg	1	6/25/2022 9:25:00 AM	68325			
Ethylben	zene	ND	0.046	mg/Kg	1	6/25/2022 9:25:00 AM	68325			
Xylenes,	Total	ND	0.093	mg/Kg	1	6/25/2022 9:25:00 AM	68325			
Surr: 4	4-Bromofluorobenzene	86.4	70-130	%Rec	1	6/25/2022 9:25:00 AM	68325			

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

**Qualifiers:** 

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

Page 3 of 7
	WO#:	2206C28
Hall Environmental Analysis Laboratory, Inc.		01-Jul-22

Client:	EOG										
Project:	Roy SWI	3									
Sample ID:	MB-68393	SampT	ype: <b>m</b> l	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	n ID: 68	393	F	RunNo: <b>8</b> 9	9045				
Prep Date:	6/27/2022	Analysis D	ate: 6/	27/2022	S	SeqNo: 31	164388	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-68393	SampT	ype: Ics	3	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	n ID: 68	393	F	RunNo: <b>8</b> 9	9045				
Prep Date:	6/27/2022	Analysis D	oate: 6/	27/2022	S	SeqNo: 31	164389	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.6	90	110			

Qualifiers:

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

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Released to Imaging: 11/16/2022 2:16:42 PM

	WO#:	2206C28
Iall Environmental Analysis Laboratory, Inc.		01-Jul-22

Client:	EOG									
Project:	Roy SWD 3									
Sample ID: LCS-68	344 Sa	mpType: L	cs	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	E	atch ID: 6	8344	F	RunNo: 8	9051				
Prep Date: 6/24/20	022 Analys	sis Date: 6	6/27/2022	S	SeqNo: 3	162989	Units: <b>mg/H</b>	٢g		
Analyte	Resu	ılt PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	PRO) 4	9 15	5 50.00	0	98.5	64.4	127			
Surr: DNOP	4.	4	5.000		87.0	51.1	141			
Sample ID: MB-683	<b>44</b> Sa	mpType: <b>N</b>	IBLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	E	atch ID: 6	8344	F	RunNo: <b>8</b>	9051				
Prep Date: 6/24/20	Analys	sis Date: 6	6/27/2022	S	SeqNo: 3	162990	Units: <b>mg/H</b>	٢g		
Analyte	Resu	ılt PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	RO) N	D 15	5							
Motor Oil Range Organics	(MRO) N	D 50	)							
Surr: DNOP	9.	7	10.00		97.3	51.1	141			

Qualifiers:

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

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Released to Imaging: 11/16/2022 2:16:42 PM

EOG

Roy SWD 3

**Client:** 

**Project:** 

## **QC SUMMARY REPORT** Hall Environmental Analysis I

Laboratory, Inc.	01-Jul-2.

Sample ID: Ics-68296	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch	ID: 68	296	F	RunNo: 89028					
Prep Date: 6/22/2022	Analysis Da	ate: 6/	24/2022	S	SeqNo: 3	161636	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1900		1000		191	37.7	212			
Sample ID: mb-68296	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch	ID: 68	296	F	RunNo: <b>8</b> 9	9028				
Prep Date: 6/22/2022	Analysis Da	ate: 6/	24/2022	S	SeqNo: 3	161637	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	870		1000		86.6	37.7	212			
Sample ID: Ics-68325	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batch	ID: 68	325	F	RunNo: <b>8</b> 9	9028				
			25/2022	,		161684	Units: ma/K	a		
Prep Date: 6/23/2022	Analysis Da	ate: 6/	25/2022		sequo. 3	101004	5	9		
Prep Date: 6/23/2022 Analyte	Analysis Da Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO)	Analysis Da Result 25	ate: 6/ PQL 5.0	SPK value 25.00	SPK Ref Val	%REC 100	LowLimit 72.3	HighLimit 137	%RPD	RPDLimit	Qual
Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO) Surr: BFB	Analysis Da Result 25 1900	PQL 5.0	SPK value 25.00 1000	SPK Ref Val	%REC 100 193	LowLimit 72.3 37.7	HighLimit 137 212	%RPD	RPDLimit	Qual
Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-68325	Analysis Da Result 25 1900 SampTy	PQL 5.0 ype: <b>ME</b>	SPK value 25.00 1000	SPK Ref Val 0 Tes	%REC 100 193 tCode: El	LowLimit 72.3 37.7 PA Method	HighLimit 137 212 8015D: Gaso	9 %RPD	RPDLimit	Qual
Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-68325 Client ID: PBS	Analysis Da Result 25 1900 SampTy Batch	PQL 5.0 ype: <b>ME</b> ID: <b>68</b> :	SPK value 25.00 1000 3LK 325	SPK Ref Val 0 Tes	%REC 100 193 tCode: El	LowLimit 72.3 37.7 PA Method 9028	HighLimit 137 212 8015D: Gaso	%RPD	RPDLimit	Qual
Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-68325 Client ID: PBS Prep Date: 6/23/2022	Analysis Da Result 25 1900 SampTy Batch Analysis Da	PQL 5.0 ype: ME ID: 68: ate: 6/	SPK value 25.00 1000 3LK 325 25/2022	SPK Ref Val 0 Tes F	%REC 100 193 tCode: El RunNo: 89	LowLimit 72.3 37.7 PA Method 9028 161685	HighLimit 137 212 8015D: Gaso Units: mg/K	%RPD	RPDLimit e	Qual
Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-68325 Client ID: PBS Prep Date: 6/23/2022 Analyte	Analysis Da Result 25 1900 SampTy Batch Analysis Da Result	PQL 5.0 ype: ME ID: 68: ate: 6/ PQL	SPK value 25.00 1000 3LK 325 25/2022 SPK value	SPK Ref Val 0 Tes F SPK Ref Val	%REC 100 193 tCode: El RunNo: 89 SeqNo: 3 %REC	LowLimit 72.3 37.7 PA Method 9028 161685 LowLimit	HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit	%RPD line Rang g %RPD	RPDLimit e RPDLimit	Qual
Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-68325 Client ID: PBS Prep Date: 6/23/2022 Analyte Gasoline Range Organics (GRO)	Analysis Da Result 25 1900 SampTy Batch Analysis Da Result ND	PQL 5.0 ype: ME ID: 68: ate: 6/ PQL 5.0	SPK value 25.00 1000 BLK 325 25/2022 SPK value	SPK Ref Val 0 Tes F SPK Ref Val	%REC 100 193 tCode: El RunNo: 89 SeqNo: 3 %REC	LowLimit 72.3 37.7 PA Method 9028 161685 LowLimit	HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit	9 %RPD line Rang g %RPD	RPDLimit e RPDLimit	Qual

### Qualifiers:

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

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.

WO#: 2206C28 -22

EOG

Roy SWD 3

**Client:** 

**Project:** 

Sample ID: Ics-68296

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

SampType: LCS

в

Е Estimated

Analyte detected in the associated Method Blank

J

Sample pH Not In Range

RL Reporting Limit

- Value exceeds Maximum Contaminant Level. \*
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

S

**Qualifiers:** 

% Recovery outside of range due to dilution or matrix interference

Client ID: LCSS	Batch ID: 68296	F	RunNo: <b>89028</b>					
Prep Date: 6/22/2022	Analysis Date: 6/24/20	22 \$	SeqNo: <b>3161708</b>	Units: %Rec				
Analyte	Result PQL SPK	value SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual			
Surr: 4-Bromofluorobenzene	0.88	1.000	88.3 70	130				
Sample ID: mb-68296	SampType: MBLK	Tes	8021B: Volatiles					
Client ID: PBS	Batch ID: 68296	F	RunNo: <b>89028</b>					
Prep Date: 6/22/2022	Analysis Date: 6/24/20	22	SeqNo: <b>3161709</b>	Units: %Rec				
Analyte	Result PQL SPK	value SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual			
Surr: 4-Bromofluorobenzene	0.86	1.000	86.0 70	130				
Sample ID: Ics-68325	e ID: Ics-68325 SampType: LCS TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 68325	F	RunNo: <b>89028</b>					
Prep Date: 6/23/2022	Analysis Date: 6/25/20	22 5	SeqNo: <b>3161756</b>	Units: <b>mg/Kg</b>				
Analyte	Result PQL SPK	value SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual			
Benzene	0.91 0.025	1.000 0	91.4 80	120				
Foluene	0.92 0.050	1.000 0	91.7 80	120				
Ethylbenzene	0.91 0.050	1.000 0	90.8 80	120				
Kylenes, Total	2.7 0.10	3.000 0	90.2 80	120				
Surr: 4-Bromofluorobenzene	0.85	1.000	84.5 70	130				
Sample ID: mb-68325	SampType: MBLK	Tes	tCode: EPA Method	8021B: Volatiles				
Client ID: PBS	Batch ID: 68325	F	RunNo: <b>89028</b>					
Prep Date: 6/23/2022	Analysis Date: 6/25/20	22 5	SeqNo: 3161757	Units: <b>mg/Kg</b>				
Analyte	Result PQL SPK	value SPK Ref Val	%REC LowLimit	HighLimit %RPD	RPDLimit Qual			
Benzene	ND 0.025							
Foluene	ND 0.050							
Ethylbenzene	ND 0.050							
Kylenes, Total	ND 0.10							
Surr: 4-Bromofluorobenzene	0.85	1.000	84.8 70	130				

TestCode: EPA Method 8021B: Volatiles

WO#: 2206C28 01-Jul-22

Analyte detected below quantitation limits

Р

Page 7 of 7

Received by	OCD:	7/20/2022	4:39:14 PM
-------------	------	-----------	------------

Client Name:       EOG       Worl         Received By:       Juan Rojas       6/23/20         Completed By:       Sean Livingston       6/23/20	Corder Number:	220	6028			Sample Log-In Check List			
Received By: Juan Rojas 6/23/20 Completed By: Sean Livingston 6/23/20	022 7:20:00 AM		5628			RcptNo:	1		
Completed By: Sean Livingston 6/23/20				Hean	ag .				
	022 8:00:45 AM			5	1	1 orton			
Reviewed By: JA 6/23/22				9					
Chain of Custody									
1. Is Chain of Custody complete?		Yes	~	No		Not Present			
2. How was the sample delivered?		Cou	rier						
Log In 3. Was an attempt made to cool the samples?		Yes		No					
4. Were all samples received at a temperature of $>0^{\circ}$ C	to 6.0°C	Yes		No					
5. Sample(s) in proper container(s)?		Yes		No					
Sufficient sample volume for indicated test(s)?		Yes		No					
7. Are samples (except VOA and ONG) properly presen	ved?	Yes		No					
3. Was preservative added to bottles?		Yes		No		NA 🗌			
9. Received at least 1 vial with headspace <1/4" for AQ	VOA?	Yes		No		NA 🗹			
0. Were any sample containers received broken?		Yes	U.	No		# of preserved		/	
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No		for pH:	>12 unles	s noted)	
2. Are matrices correctly identified on Chain of Custody	2	Yes	~	No		Adjusted?			
3. Is it clear what analyses were requested?		Yes		No		/		1.00	
4. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No		Checked by:	RYG	6.25	
pecial Handling (if applicable)									
5. Was client notified of all discrepancies with this order	r?	Yes		No		NA 🔽			
Person Notified:	Date:				-				
By Whom:	Via:	eM	ail 🗌	Phone	] Fax	In Person			
Regarding:									
Client Instructions:							1		
16. Additional remarks:									
17. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Intact	Seal No S	Seal D	ate	Signed	Ву				

Page 1 of 1

Chain-of-Custody Record	Turn-Around	Time:					
Client: EOG-Artesia / Ranger Env.	Standard	🕅 Rush	5 Davi	1 []			ALL ENVIRONMENTAL
	Project Name		-				TALISIS LADORAIORT
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Pou	SWD	# い		4901	ww Hawkins	NE - Albumineratine NM 87100
Ranger: PO Box 201179, Austin TX 78720	Project #: 537	5			Tel	505-345-3	2075 Esv 505-245-4107
Phone #: 521-335-1785						000000000	Analysis Request
email or Fax#: Will@RangerEnv.com	Project Manag	Jer: W. Kierd	lorf		4		
QA/QC Package:					MRO)		
Standard   Level 4 (Full Validation)					0/1		
Accreditation:  Az Compliance NELAC	Sampler: W,	Kenned	TH No		/ DRC	0)	
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6/2/2 1245 Vo. 19	M. L. C.	vio	Sh11 22/21/2				
Date: Time: Relinquished by:	Received by:	Via:	Date Time				
12:22 1900 Uluminup	1AN	OUVER 6	13/22 7:20				
It necessary, samples submitted to Hall Environmental may be subco	ontracted to other acc	redited laboratorie	s. This serves as notice of th	is possib	ility. An	y sub-contracte	ted data will be clearly notated on the analytical report

Released to Imaging: 11/16/2022 2:16:42 PM

# **ATTACHMENT 3 – NMOCD CORRESPONDENCE**

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 56066

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (on Time Humte for EOC RESOURCES INC)

The OCD has approved the submitted Application for edministrative approval of a release notification and corrective action (C-141), for incident ID (nli) nAPP2111046250, with the following conditions.

The Remediation Plan is Conditionally Approved. The variance for closure contirmation samples not to exceed 400 ft2 is approved. Removal of the plastic liner of the closed pit and a geosynthetic clay liner installation is approved. A geosynthetic clay liner located outside of the closed pit area is allowed at 6 ft below ground surface once all sample points have been vertically delineated and it has been determined that there is no imminent threat to ground water, surface water, human health, or the environment. Sidewall samples should be delineated excavated to 600 mg/kg for TPH to define the edge of the release. The work will need to occur 90 days after the work plan has been approved.

The signed C-141 can be found in the OCD Online. Imaging under the incident ID (n#)

If you have any questions regarding this application, please contact me

Thank you, Robert Hamlet 575-748-1283 Robert Hamlet@state.nm.us

Released to Imaging: 11/16/2022 2:16:42

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505



From: Miriam Morales < Miriam Morales@eogresources.com>

See Thursday, May 12, 2022 10:00 AM

To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; ahowell@pvtn.net; austin@atkinseng.com

Cc: Artesia Regulatory <<u>Artesia Regulatory@eogresources.com</u>>; Artesia S&E Spill Remediation <<u>Artesia S&E Spill Remediation@eogresources.com</u>>;

Subject: [EXTERNAL] Roy SWD 3 (nAPP2123047534) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

Released to Imaging: 11/16/2022 2:16:

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Roy SWD #3 7-19S-25E; Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250

Sampling will begin at 07:00 a.m. on Monday, May 16, 2022 and will continue through Friday, May 20, 2022.

Thank you,

Miriam Morales

Released to Imaging: 11/16/20 Film: Tina Huerta <<u>Tina\_Huerta@eogresources.com</u>>

Seut: Thursday, May 19, 2022 9:58 AM

 Circle Content Hamlet@state.nm.us;
 Bratcher, Mike, EMNRD <mike bratcher@state.nm.us>; Jennifer.Nobul@state.nm.us;
 Harimon, Jocelyn, EMNRD <Jocelyn, Harimon@state.nm.us>; Alan & Cheryl <a href="https://www.ahowell@pvtn.net/">https://www.ahowell@pvtn.net/</a>; Austin Weyant <a href="https://www.

Good Morning

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location

Roy SWD 3 7-19S-25E; Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534 & nAPP2111046250

Sampling will begin at 7:00 a.m. on Monday, May 23, 2022 and will be continuous through Friday, May 27, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina\_huerta@eogresources.com

eog resources

Frem: Tina Huerta < Tina Huerta@eogresources.com>

Sent: Wednesday, May 25, 2022 3:59 PM

To obert. Hamlet@state.nm.us; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>: Jennifer.Nobui@state.nm.us; Harimon, Jocelyn, EMNRD <<u>Jocelyn, Harimon@state.nm.us</u>>: Alan & Cheryl <<u>ahowel@pvtn.net</u>>: Austin Weyant <<u>austin@atkinseng.com</u>>; Content is a cheryl <<u>ahowel@pvtn.net</u>>: Austin Weyant <<u>austin@atkinseng.com</u>>; Content is a cheryl <<u>ahowel@pvtn.net</u>>: Austin Weyant <<u>austin@atkinseng.com</u>>; Michael Yemm@eogresources.com</a>; BODEE EUDY <<u>BODEE\_EUDY@eogresources.com</u>>; BODEE EUDY <<u>BODEE\_EUDY@eogresources.com</u>>; Subject: Roy SWD 3 (2RP-4576, 2RP-5094, nAPP2112047534, nAPP2111046250) Sampling Notification

Good Afternoon,

Released to Imaging: 11/16/202

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Roy SWD 3 7-19S-25E; Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250

Sampling will begin at 7:00 a.m. on Tuesday, May 31, 2022 and continuous through Friday, June 3, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina\_huerta@eogresources.com</u>

eog resources

 

 Frege:: Tina Huerta

 Ser:: Thursday, June 2, 2022 8:56 AM

 Ser:: Thursday, June 2, 2022 8:56 AM

 <Forent.Hamlet@state.nm.us>

Contract Felix (Andrea Felix (Andrea Felix (Records)); Katie Jamison (Katie Jamison (Records); Michael Yemm (Michael Yemm (Records)); BODEE EUDY (Records); Bodee EUDY (Records) Subject: Roy SWD 3 (2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Roy SWD 3 7-19S-25E; Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250

Sampling will begin at 7:00 a.m. on Monday, June 6, 2022 and continuous through Friday, June 10, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina huerta@eogresources.com

leog resources

 

 Received by OCD: 722020 4:39:14

 Fr Re:: Tha Huerta <a href="mailto:Thursdag: Jone 9, 2022 10:14 AM">Thursdag: Jone 9, 2022 10:14 AM

 Sol:: Thursdag: Jone 9, 2022 10:14 AM

 < Rebert. Hamlet@state.nm.us>

Condrea Felix (Andrea Felix@eogresources.com); Katie Jamison@eogresources.com); Michael Yemm@eogresources.com); BODEE EUDY@eogresources.com); Michael Yemm@eogresources.com); BODEE EUDY@eogresources.com); Michael Yemm@eogresources.com); Bode EUDY@eogresources.com); Michael Yemm@eogresources.com); Bode EUDY@eogresources.com); Michael Yemm@eogresources.com); Bode EUDY@eogresources.com); Bode EUDY@eogresources.com); Michael Yemm@eogresources.com); Bode EUDY@eogresources.com); Michael Yemm@eogresources.com); Bode EUDY@eogresources.com); Bode EUDY@eogresources.com); Michael Yemm@eogresources.com); Bode EUDY@eogresources.com); Michael Yemm@eogresources.com); Bode EUDY@eogresources.com); Bode EUDY@eogresources. Sullect: Roy SWD 3 (2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Roy SWD 3 7-19S-25E; Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250

Sampling will begin at 7:00 a.m. on Monday, June 13, 2022 and continue through Friday, June 17, 2022.

Thank you.

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575703.3121 Email: tina huerta@eogresources.com

eog resources

 

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 <t <R mert.Hamlet@state.nm.us>

Cc: <a href="https://drea.felix@eogresources.com">: Katie Jamison < <a href="https://drea.felix@eogresources.com">: Michael Yemm @eogresources.com</a>; BODEE EUDY <a href="https://drea.felix@eogresources.com">BODEE EUDY @eogresources.com</a>; Michael Yemm <a href="https://drea.felix@eogresources.com">Michael Yemm @eogresources.com</a>; BODEE EUDY <a href="https://drea.felix@eogresources.com">BODEE EUDY @eogresources.com</a>; Michael Yemm <a href="https://drea.felix@eogresources.com">Michael Yemm @eogresources.com</a>; BODEE EUDY <a href="https://drea.felix@eogresources.com">BODEE EUDY @eogresources.com</a>; Michael Yemm <a href="https://drea.felix@eogresources.com">Michael Yemm @eogresources.com</a>; BODEE EUDY <a href="https://drea.felix@eogresources.com">BODEE EUDY @eogresources.com</a>; Michael Yemm </a> Subject: Roy SWD 3 (2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Roy SWD 3 P-7-19S-25E; Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250

Sampling will begin at 10:00 a.m. on Monday, June 20, 2022 through Friday, June 24, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina\_huerta@eogresources.com

eog resources

From: Tina Huerta < Tina Huerta@eogresources.com>

Se Wednesday, June 29, 2022 4:24 PM

To: Aan & Cheryl <a how eli@pvtn.net>; Austin Weyant <a href="https://www.eli@pvtn.net">https://www.eli@pvtn.net</a>; Austin Weyant <a href="https://www.eli@pvtn.net"">htt

Subject: Roy SWD 3 (2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250) Sampling Notification

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Roy SWD 3 P-7-19S-25E Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250

Sampling will begin at 7:00 a.m. on Tuesday, July 5, 2022 and continue through Friday, July 8, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina\_huerta@eogresources.com</u>

eog resources

From: Miriam Morales <<u>Miriam\_Morales@eogresources.com</u>>

Se Thursday, July 7, 2022 9:10 AM

To: Robert Hamlet@state.nm.us; mike.bratcher@state.nm.us; Jennifer Nobui@state.nm.us; jocelyn.harimon@state.nm.us; ahowell@pvtn.net; austin@atkinseng.com

Cc: Andrea Felix <<u>Andrea\_Felix@eogresources.com</u>>; Katie Jamison <<u>Katie\_Jamison@eogresources.com</u>>; Michael Yemm <<u>Michael\_Yemm@eogresources.com</u>>; BODEE EUDY <<u>BODEE\_EUDY@eogresources.com</u>> Subject: Roy SWD #3 (2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250) Sampling notification

Good morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Roy SWD #3 7-19S-25E; Eddy County, NM 2RP-4576, 2RP-5094, nAPP2123047534, nAPP2111046250

Sampling will begin at 8:00a.m on Monday, July 11, 2022 and continue through Friday, July 15, 2022.

Thank you,

Miriam Morales

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	127537
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
rhamlet	Thank you for the remediation plan update. OCD requests EOG/Ranger Environmental set up a Teams meeting after Thanksgiving to discuss incident and path forward.	11/16/2022