



SITE CLOSURE REPORT

**DONAHUE FEDERAL SWD #1
NMOCD INCIDENT # NRM2029646692
UNIT E, SECTION 10, TOWNSHIP 20S, RANGE 24E
EDDY COUNTY, NEW MEXICO
32.59021, -104.58265
RANGER REFERENCE NO. 5375**

PREPARED FOR:

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

PREPARED BY:

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

JANUARY 21, 2022

A blue ink signature of Max Cook, consisting of stylized initials.

**Max Cook, CAPM (TX)
Senior Project Manager**

A blue ink signature of William Kierdorf, consisting of stylized initials.

**William Kierdorf, REM
Project Manager**

TABLE OF CONTENTS

1.0	SITE LOCATION AND BACKGROUND	1
2.0	SITE REMEDIATION AND CONFIRMATION SAMPLING	2
2.1	Confirmation Sampling Methodologies.....	2
2.2	Former Tank Battery Area	2
2.3	Facility Pad Area	3
2.4	Pipeline Area	3
2.5	Final Sample Results.....	3
2.6	Waste Disposal.....	3
3.0	SITE CLOSURE.....	4
3.1	Excavation Backfill and Re-Vegetation.....	4
3.2	Conclusions and Site Closure Request	4

FORM C-141

FIGURES

- Topographic Map
- Area Map
- Tank Battery Area Final Soil Sample Location Map
- Facility Pad Area Final Soil Sample Location Map
- Pipeline Area Final Sample Location Map

ATTACHMENT 1 – ANALYTICAL TABLE

ATTACHMENT 2 – SITE PHOTOGRAPHS

ATTACHMENT 3 – LABORATORY ANALYTICAL REPORTS

ATTACHMENT 4 – BLM APLOMADO FALCON HABITAT SEED MIXTURE



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1.0 SITE LOCATION AND BACKGROUND

The Donahue Federal SWD #1 (Site) is located on federal land, approximately 20 miles southwest of Artesia within Eddy County, New Mexico. The facility is situated in Unit E, Section 10, T20S-R24E at GPS coordinates 32.59021, -104.58265. The Site formerly housed a disposal well, a lined tank battery with an earthen containment berm, pump houses and associated equipment. Two out-of-service PVC lines intersect the northeastern corner of the tank battery area.

On October 14, 2020, a release was discovered originating from a clamp on a gunbarrel tank located within the on-site lined tank battery containment area. Based on tank gauging measurements, an estimated 110 barrels (bbls) of produced water was released from the tank. At the time of discovery, no liquids were available for recovery.

Upon discovery, visual impacts were observed within the lined tank battery from the release location towards the eastern portion of the tank battery. The incident was reported to the New Mexico Oil Conservation Division (NMOCD) and Bureau of Land Management (BLM) via email on October 14, 2020. Due to the scheduled decommissioning of the facility, assessment and remediation of the incident was postponed to allow for the removal of equipment and liner material from the area. The decommissioning and removal of equipment and liner material was completed in March 2021.

EOG Resources, Inc. (EOG) has engaged Ranger Environmental Services, Inc. (Ranger) to assist in the remediation and reclamation efforts at the Site. In March and April 2021, Ranger personnel and representatives for EOG conducted site assessment activities in order to determine the extent of impacts associated with the incident at the Site. A *Site Characterization and Remediation Work Plan* dated April 29, 2021, was submitted to the NMOCD to address the impacts at the Site. The report included full details on the completed site assessment activities, site characterization details, and a proposed remediation plan. The plan was approved by the NMOCD on August 17, 2021.

The following *Closure Report* has been prepared to document the remediation efforts undertaken at the Site.

The previously submitted Initial, Assessment/Characterization and Remediation Plans sections of the C-141 Form are attached. The new Closure portion of the C-141 Form is also attached.

2.0 SITE REMEDIATION AND CONFIRMATION SAMPLING

As detailed in the accepted *Site Characterization and Remediation Work Plan* dated April 29, 2021, remedial excavation activities were completed at the Site. From August 2021 to January 2022, excavation activities and confirmation sampling events were completed at the Site. For clarification purposes the removal efforts at the Site are described below in three separate sections, the "Former Tank Battery Area," the "Facility Pad Area," and the "Pipeline Area."

2.1 Confirmation Sampling Methodologies

Throughout the remedial process at the site, confirmation samples were collected from the excavated areas to confirm excavation activities were completed to appropriate boundaries. As detailed in the approved *Site Characterization and Remediation Work Plan* dated April 29, 2021, the confirmation sampling activities were collected in accordance with NMAC 19.15.29.12, as five-part composite samples, with each sample representing no more than 200 square feet. Based on the site characterization details, laboratory sample results were compared to the 19.15.29.12 NMAC Table 1 (groundwater ≤50 feet) criteria.

During the confirmation sampling process, various samples with concentrations in excess of the approved 19.15.29.12 NMAC Table 1 (groundwater ≤50 feet) were encountered. To address the elevated concentrations, over-excavation activities were completed in these sample areas and additional confirmation samples were collected for laboratory analysis.

Upon collection, all samples collected for laboratory analysis were submitted to Hall Environmental Laboratories (Hall) in Albuquerque, New Mexico. Laboratory analysis methods performed by Hall for this project included: 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. All samples submitted for laboratory analysis were collected and managed using standard QA/QC and chain-of-custody procedures.

A comprehensive sample results table summarizing the sample results is attached. Copies of the laboratory reports including chain-of-custody documentation are also attached.

2.2 Former Tank Battery Area

From August to November 2021, remedial excavation activities were completed in the area of the former tank battery located at the Site. Upon completion of the remedial excavation activities, the area was noted to have maximum dimensions of approximately 130 feet by 44 feet and was completed to a maximum depth of four feet below ground surface (bgs).

Confirmation soil samples were collected from the base, northern side wall and eastern side wall of this area. The initial confirmation sampling activities were conducted in the area on October 6, 2021. Based on the soil sample analytical results, additional excavation and confirmation sampling activities were completed on November 16, 2021. A total of 38 confirmation samples were collected from the former tank battery area.

2.3 Facility Pad Area

Remedial excavation activities were completed from August to November 2021 in the facility pad area at the Site. Upon completion of the remedial excavation activities, the area was irregularly shaped and had maximum dimensions of approximately 284 feet by 140 feet and was completed to a maximum depth of four feet bgs. It should be noted, the majority of the area was completed to a depth of approximately one to two feet bgs.

The initial confirmation soil sampling activities were completed in the area on October 6 and 7, 2021. Upon review of the laboratory analytical reports, 29 of the facility pad area samples collected on October 6 and 7, 2021 resulted in total TPH (GRO+DRO+MRO) non-detection values; however, these non-detection values were greater than the applicable Table 1 Criteria of 100 parts per million (ppm). Due to this laboratory issue, additional confirmation samples were collected from these areas to comply with Table 1 Criteria TPH concentrations. Based on the initial sample results and the laboratory TPH detection limit issue, additional excavation and resampling activities were completed. These additional excavation and sampling events were conducted on November 16 and 17, 2021, December 14, 2021, and December 29, 2021. A total of 156 confirmation samples were collected from the facility pad area.

2.4 Pipeline Area

Excavation activities in the pipeline area were completed from August 2021 to January 2022. Upon completion of the remedial excavation activities, the area was irregular in shape and had maximum dimensions of approximately 119 feet by 50 feet. The area was completed to a maximum depth of 18 feet bgs.

On October 17, 2021, the initial confirmation samples were collected from the excavated area base, and excavation side walls. Based on the soil sample analytical results, additional excavation and confirmation sampling activities were completed on the following dates; December 14, 2021, December 16, 2021, December 29, 2021, December 30, 2021, and January 18, 2022. A total of 69 confirmation samples were collected from the pipeline area excavation.

2.5 Final Sample Results

Upon review of the final confirmation sample results, all areas have been brought into attainment of the applicable Table 1 and the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC.

Site maps depicting the excavated areas and sample area locations are attached. A comprehensive sample results table summarizing the laboratory sample results for all samples collected during the remediation process is attached. Copies of the laboratory analytical reports including chain-of-custody documentation are attached.

2.6 Waste Disposal

All soils generated during the remedial excavation activities have been transported and disposed of at Lea Land disposal facility in Lea County New Mexico.

3.0 SITE CLOSURE

3.1 Excavation Backfill and Re-Vegetation

Based on the final confirmation sample results, the Site has been brought into compliance with the applicable closure criteria. The excavated areas will be backfilled with clean fill material to a depth of approximately one foot bgs. The remaining one foot will be backfilled with topsoil bringing the location back to grade. The location will be re-vegetated with the BLM Aplomado Falcon Habitat Seed Mixture in accordance with 19.15.29.13 NMAC. Details of the BLM Aplomado Falcon Habitat Seed Mixture are attached.

3.2 *Conclusions and Site Closure Request*

Based on the details of the remedial efforts at the site and the soil sample analytical results, the impacts at the subject site appear to have been properly addressed and EOG respectfully request closure of the incident. A final C-141 form is attached.

FORM C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NRM2029646692
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

EOG Resources, Inc.	7377
Chase Settle	575-748-1471
Chase_Settle@eogresources.com	Incident # (assigned by OCD)
104 S. 4 th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.59021 Longitude -104.58265
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Donahue Federal SWD #1	Site Type Battery
Date Release Discovered 10/14/2020	API# (if applicable) 30-015-00087

Unit Letter	Section	Township	Range	County
E	10	20S	24E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 110	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

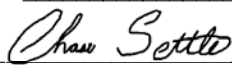
A Victaulic Clamp was found to be leaking on the 750 bbl gunbarrel. The volume released was calculated using the last gauged measurement (15-0) and the current gauged measurement (11-8).

Incident ID	NRM2029646692
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 barrels of fluid was released.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, an email was sent at 9:00 p.m. on October 14, 2020 by Chase Settle to Jim Griswold, Rob Hamlet, Victoria Venegas, and BLM.	

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Chase Settle</u>	Title: <u>Safety & Environmental Rep II</u>
Signature: <u></u>	Date: <u>10/15/2020</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>(575) 748-1471</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>10/22/2020</u>

Incident ID	NRM2029646692
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

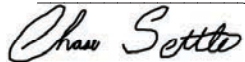
Incident ID	NRM2029646692
District RP	
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle

Title: Rep Safety & Environmental Sr

Signature:



Date: 04/29/2021

email: Chase_Settle@eogresources.com

Telephone: 575-748-1471

OCD Only

Received by: _____

Date: _____

Incident ID	NRM2029646692
District RP	
Facility ID	
Application ID	

Remediation Plan

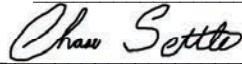
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature:  Date: 04/29/2021
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	NRM2029646692
District RP	
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Closure

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 01/21/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 02/16/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

FIGURES

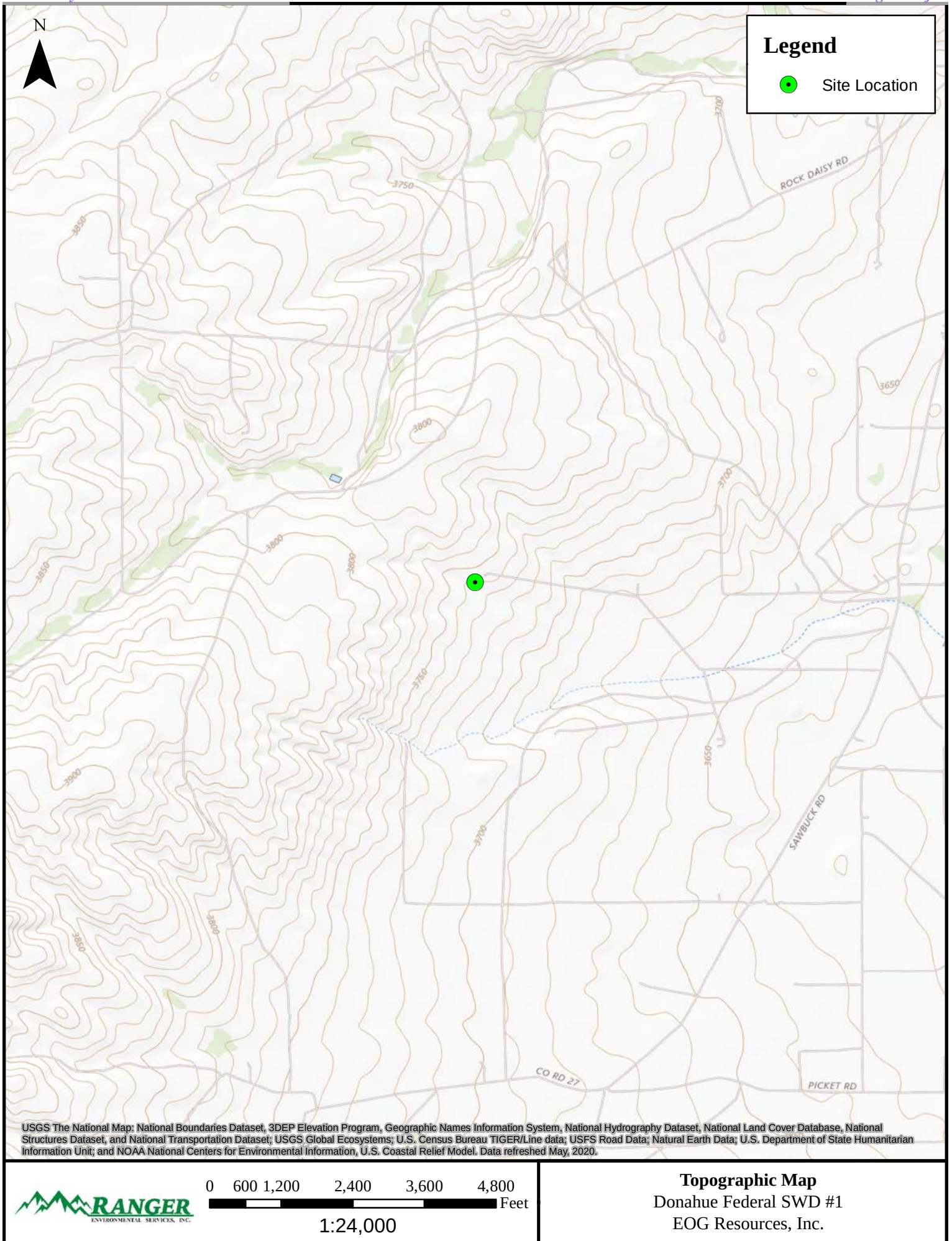
Topographic Map

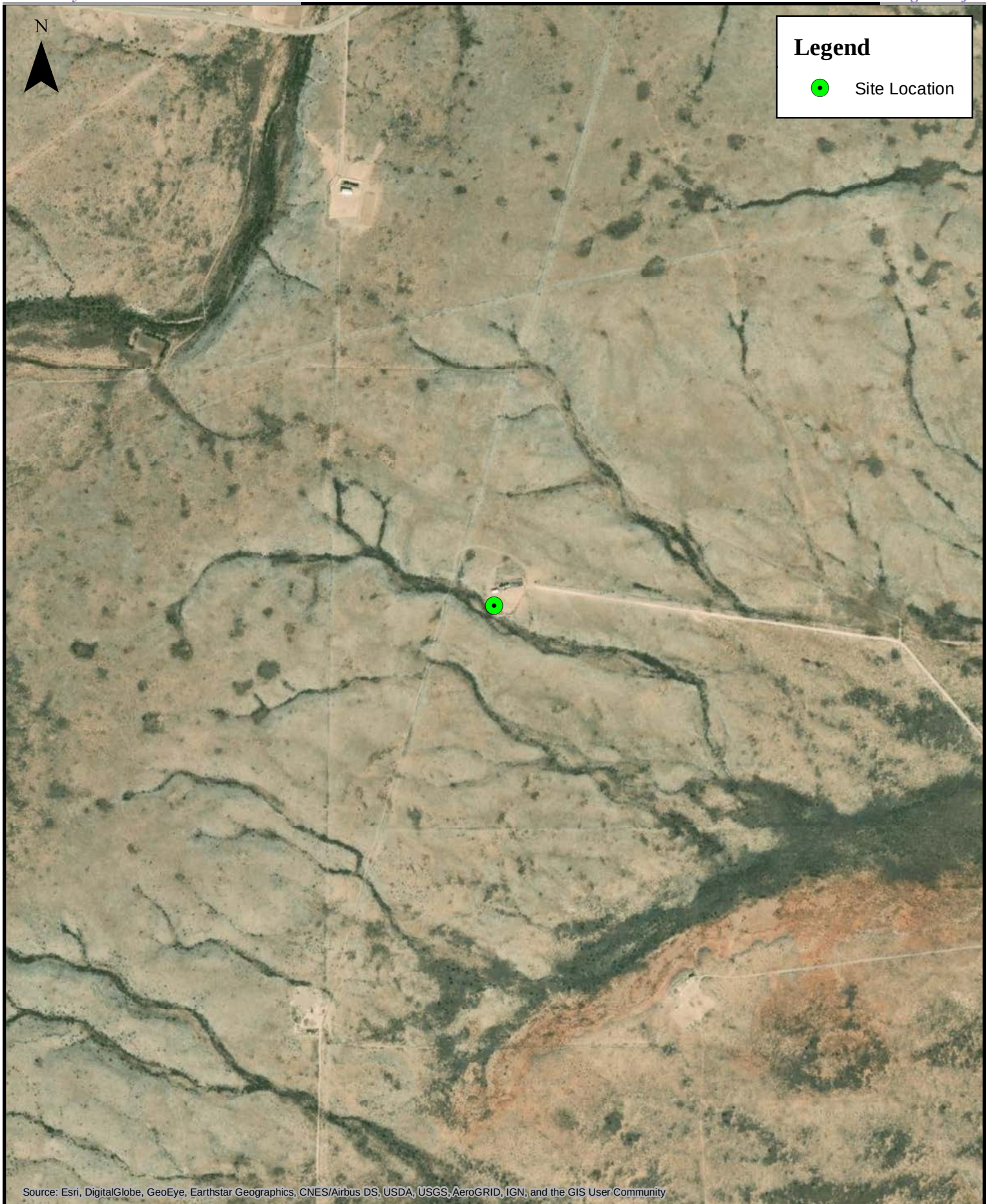
Area Map

Tank Battery Area Final Sample Location Map

Facility Pad Area Final Sample Location Map

Pipeline Area Final Sample Location Map





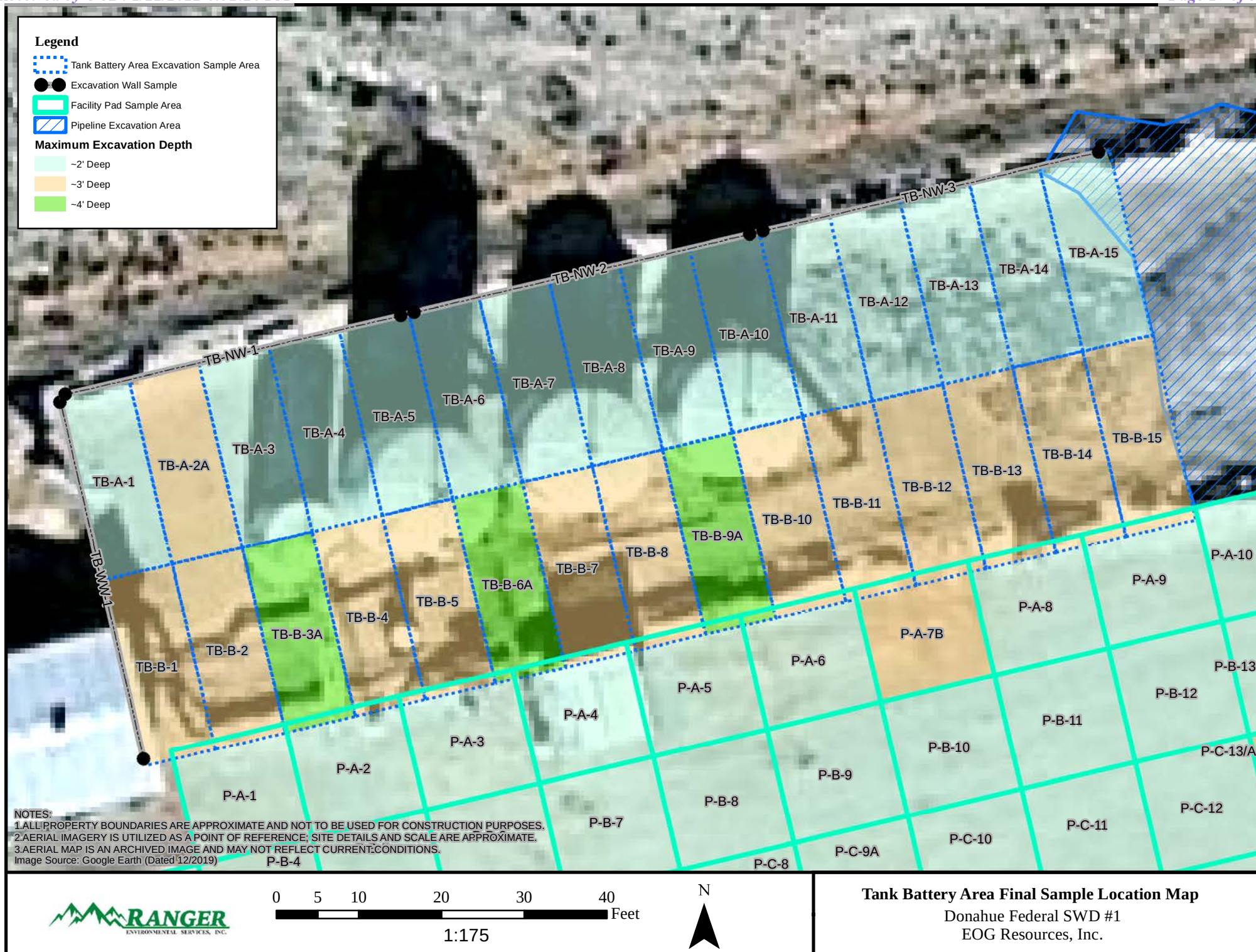
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

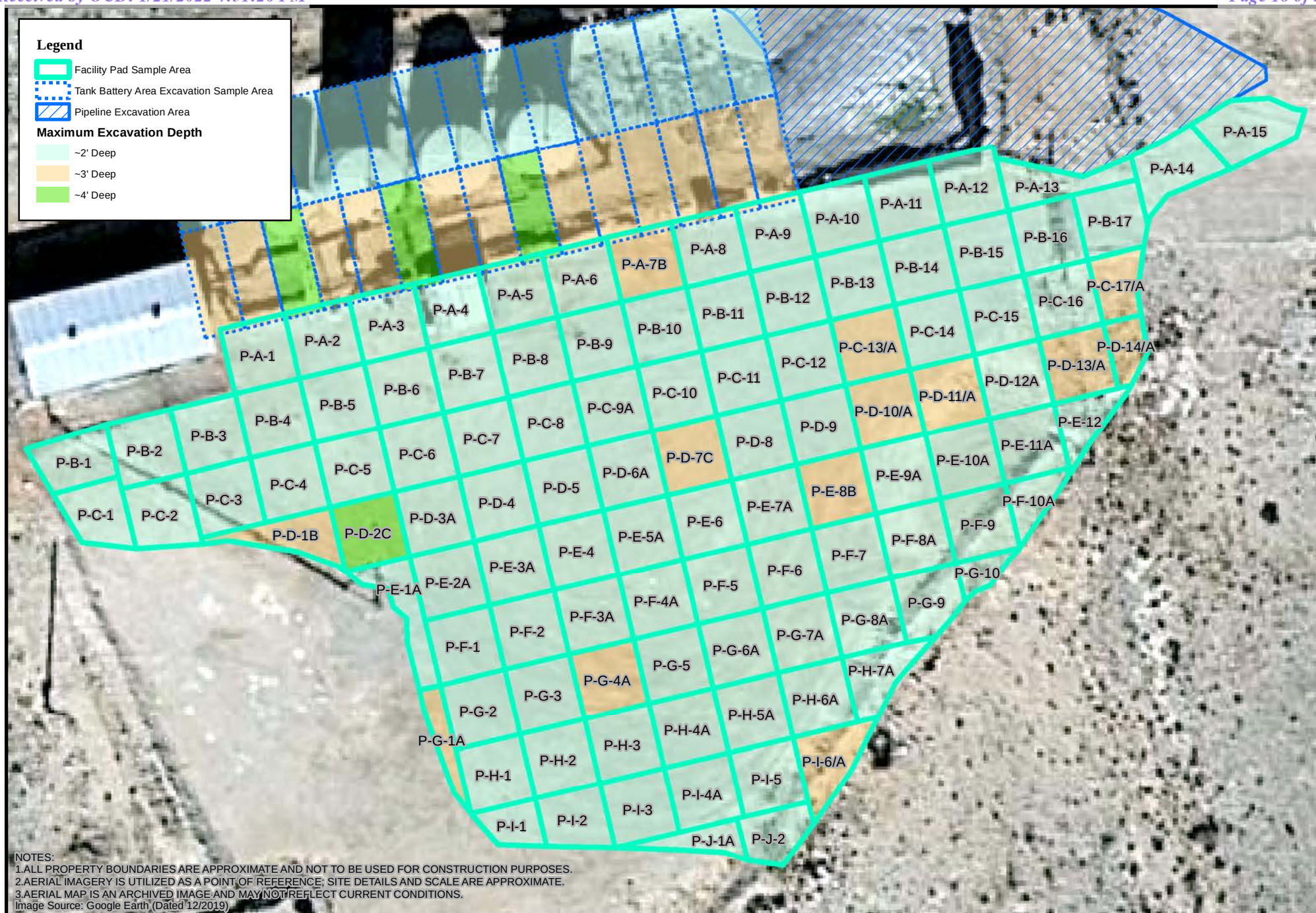


0 250 500 1,000 1,500 2,000
Feet

1:10,000

Area Map
Donahue Federal SWD #1
EOG Resources, Inc.



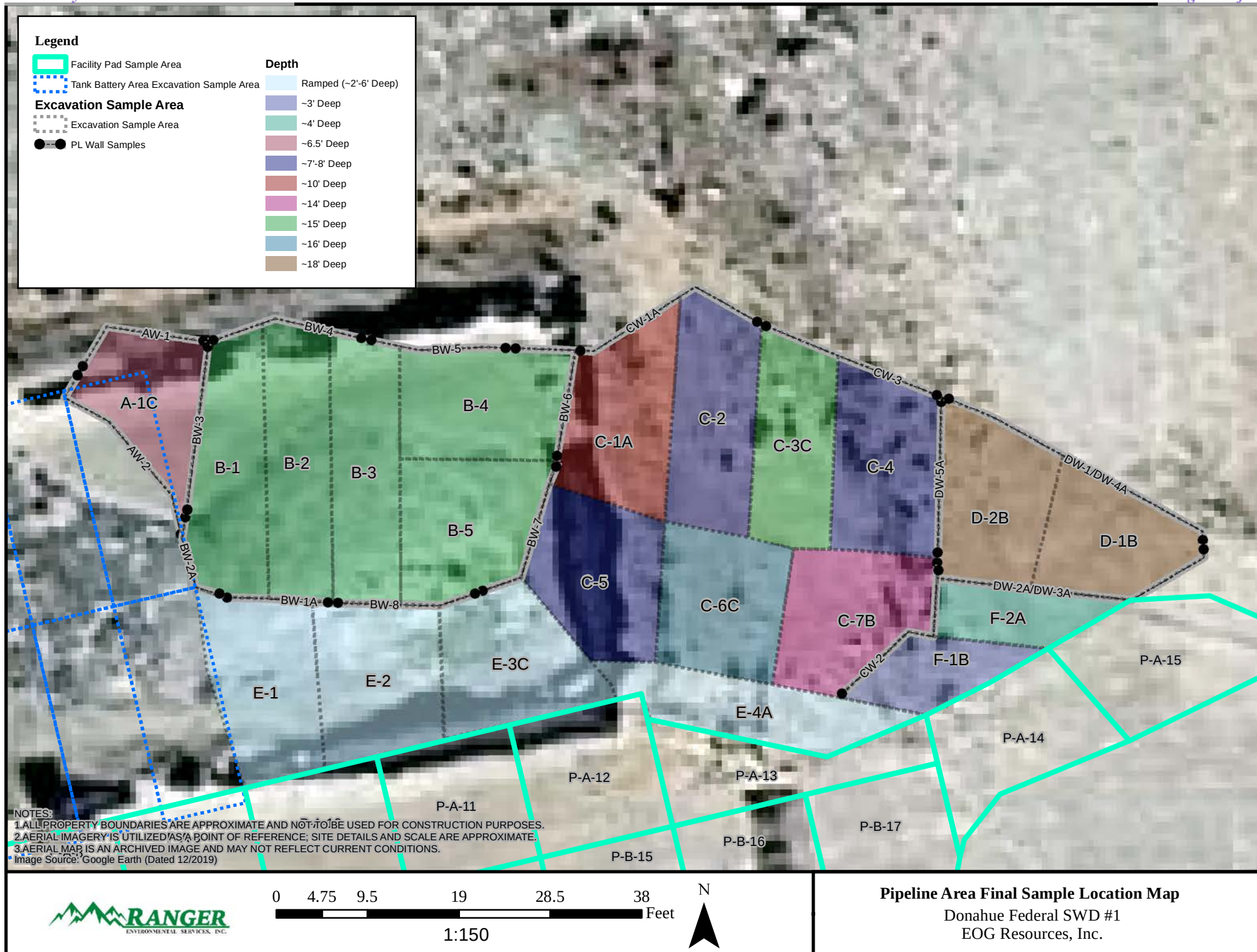


0 10 20 40 60 80 Feet
1:325



Facility Pad Area Final Sample Location Map

Donahue Federal SWD #1
EOG Resources, Inc.



ATTACHMENT 1 - ANALYTICAL TABLE

SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. DONAHUE FEDERAL SWD #1 All values presented in parts per million (mg/Kg)													
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
Facility Pad Area Samples													
P-A-1	10/7/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<12	<60	<12	<60	<60
P-A-2	10/7/2021	1'-2'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<16	<79	<16	<79	<59
P-A-3	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<15	<77	<15	<77	330
P-A-4	10/7/2021	1'-2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<7.3	<36	<7.3	<36	<60
P-A-5	10/7/2021	1'-2'	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	<9.7	<48	<9.7	<48	290
P-A-6	10/7/2021	1'-2'	<0.028	<0.055	<0.055	<0.11	<0.11	<5.5	<8.3	<41	<8.3	<41	<60
P-A-7	10/7/2021	1'-2'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<17	<84	<17	<84	<60
P-A-7A	11/16/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	63	71	63	130	440
P-A-7B	12/14/2021	3'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.2	<46	<9.2	<46	200
P-A-8	10/7/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<52	<10	<52	<59
P-A-9	10/7/2021	1'-2'	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	<7.9	<39	<7.9	<39	120
P-A-10	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<70	<14	<70	<59
P-A-11	10/7/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	130
P-A-12	10/7/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<12	<60	<12	<60	<60
P-A-13	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<8.6	<43	<8.6	<43	<61
P-A-14	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<12	<61	<12	<61	<61
P-A-15	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.1	<46	<9.1	<46	<60
P-B-1	10/7/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.1	<46	<9.1	<46	<61
P-B-2	10/7/2021	1'-2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<13	<64	<13	<64	<61
P-B-3	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<7.5	<37	<7.5	<37	320
P-B-4	10/7/2021	1'-2'	<0.022	<0.044	<0.044	<0.087	<0.09	<4.4	<6.6	<33	<6.6	<33	<60
P-B-5	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<8.7	<44	<8.7	<44	<61
P-B-6	10/7/2021	1'-2'	<0.022	<0.044	<0.044	<0.088	<0.09	<4.4	<14	<72	<14	<72	<60
P-B-7	10/7/2021	1'-2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<70	<14	<70	340
P-B-8	10/7/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<71	<14	<71	120
P-B-9	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<12	<61	<12	<61	<61
P-B-10	10/7/2021	1'-2'	<0.027	<0.055	<0.055	<0.11	<0.11	<5.5	<12	<62	<12	<62	98
P-B-11	10/7/2021	1'-2'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<6.1	<31	<6.1	<31	220
P-B-12	10/7/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<52	<10	<52	<60
P-B-13	10/7/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<11	<56	<11	<56	570
P-B-14	10/7/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<76	<15	<76	<60
P-B-15	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<68	<14	<68	<59
P-B-16	10/7/2021	1'-2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.0	<45	<9.0	<45	<60
P-B-17	10/7/2021	1'-2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	17	<48	17	17	<59
P-C-1	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<7.9	<40	<7.9	<40	<61
P-C-2	10/6/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.3	<46	<9.3	<46	<59
P-C-3	10/6/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<11	<57	<11	<57	<60
P-C-4	10/6/2021	1'-2'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<11	<53	<11	<53	330
P-C-5	10/6/2021	1'-2'	<0.023	<0.045	<0.045	<0.090	<0.09	<4.5	<12	<62	<12	<62	<60
P-C-6	10/6/2021	1'-2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<8.6	<43	<8.6	<43	<59
P-C-7	10/6/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<13	<67	<13	<67	<60
P-C-8	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<8.8	<44	<8.8	<44	200
P-C-9	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<8.8	<44	<8.8	<44	200
P-C-9A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.3	<47	<9.3	<47	120
P-C-10	10/6/2021	1'-2'	<0.028	<0.055	<0.055	<0.11	<0.11	<5.5	<9.6	<48	<9.6	<48	170
P-C-11	10/6/2021	1'-2'	<0.025	<0.051	<0.051	<0.10	<0.10	<5.1	14	<50	14	14	120
P-C-12	10/6/2021	1'-2'	<0.027	<0.054	<0.054	<0.11	<0.11	<5.4	24	48	24	72	360
P-C-13	10/6/2021	1'-2'	<0.030	<0.059	<0.059	<0.12	<0.12	<5.9	32	74	32	103	330
P-C-13/A	11/16/2021	2'-3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.8	<49	<9.8	<49	110
P-C-14	10/6/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<51	<10	<51	430
P-C-15	10/6/2021	1'-2'	<0.022	<0.043	<0.043	<0.086	<0.09	<4.3	<13	<63	<13	<63	86
P-C-16	10/6/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	<60
P-C-17	10/6/2021	1'-2'	<0.026	<0.052	<0.052	<0.10	<0.10	<5.2	170	430	170	600	95
P-C-17/A	11/16/2021	2'-3'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<10	<50	<10	<50	500
P-D-1	10/6/2021	1'-2'	<0.025	<0.051	<0.051	<0.10	<0.10	<5.1	<16	<80	<16	<80	<61
P-D-1A	11/16/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	160	370	160	630	660
P-D-1B	12/14/2021	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.3	<46	<9.3	<46	290
P-D-2	10/6/2021	1'-2'	<0.027	<0.054	<0.054	<0.11	<0.11	<5.4	<16	<82	<16	<82	<59
P-D-2A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	94	160	94	169.4	320
P-D-2B	12/14/2021	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	32	77	32	109	300
P-D-2C	12/29/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<10	<50	<10	<50	92
P-D-3	10/6/2021	1'-2'	<0.031	<0.062	<0.062	<0.12	<0.12	<6.2	<62	<310	<62	<310	<60
P-D-3A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	69	<39	69	69	190
P-D-4	10/6/2021	1'-2'	<0.028	<0.056	<0.056	<0.11	<0.11	<5.6	<11	<56	<11	<56	200
P-D-5	10/6/2021	1'-2'	<0.027	<0.053	<0.053	<0.11	<0.11	<5.3	<10	<52	<10	<52	<61
P-D-6	10/6/2021	1'-2'	<0.022	<0.044	<0.044	<0.088	<0.09	<4.4	<17	<87	<17	<87	230
P-D-6A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.4	<47	<9.4	<47	300
P-D-7	10/6/2021	1'-2'	<0.020	<0.041	<0.041	<0.082	<0.08	<4.1	600	<76	600	600	380
P-D-7A	11/16/2021	2'-3'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	42	<48	42	42	900
P-D-7B	12/14/2021	2.5'-3'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	34	79	34	113	350
P-D-7C	12/29/2021	3'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	110
P-D-8	10/6/2021	1'-2'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<13	<65	<13	<65	<60

SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. DONAHUE FEDERAL SWD #1 All values presented in parts per million (mg/Kg)													
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
P-D-9	10/6/2021	1'-2'	<0.029	<0.058	<0.058	<0.12	<0.12	<5.8	<10	<51	<10	<51	<60
P-D-10	10/6/2021	1'-2'	<0.024	<0.042	<0.042	<0.086	<0.08	<4.2	140	260	140	400	<60
P-D-10/A	11/16/2021	2'-3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.9	<49	<9.9	<49	88
P-D-11	10/6/2021	1'-2'	<0.020	<0.041	<0.041	<0.081	<0.08	<4.1	59	89	59	148	<60
P-D-11/A	11/16/2021	2'-3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	15	<48	15	15	290
P-D-12	10/6/2021	1'-2'	<0.044	<0.087	<0.087	<0.17	<0.17	<8.7	<23	<110	<23	<110	<60
P-D-12A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.1	<45	<9.1	<45	120
P-D-13	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	29	72	29	101	480
P-D-13/A	11/16/2021	2'-3'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<9.8	<49	190
P-D-14	10/6/2021	1'-2'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	25	86	25	111	200
P-D-14/A	11/16/2021	2'-3'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.0	<45	<9.0	<45	600
P-E-1	10/6/2021	1'-2'	<0.026	<0.052	<0.052	<0.10	<0.10	<5.2	<27	<140	<27	<140	<60
P-E-1A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	14	<47	14	14	120
P-E-2	10/6/2021	1'-2'	<0.027	<0.054	<0.054	<0.11	<0.11	<5.4	<18	<89	<18	<89	70
P-E-2A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<7.7	<38	<7.7	<38	69
P-E-3	10/6/2021	1'-2'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<24	<120	<24	<120	<61
P-E-3A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<7.4	<37	<7.4	<37	120
P-E-4	10/6/2021	1'-2'	<0.021	<0.043	<0.043	<0.085	<0.09	<4.3	<8.6	<43	<8.6	<43	120
P-E-5	10/6/2021	1'-2'	<0.032	<0.064	<0.064	<0.13	<0.13	<6.4	<22	<110	<22	<110	740
P-E-5A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	13	<34	13	13	440
P-E-6	10/6/2021	1'-2'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<14	<68	<14	<68	90
P-E-7	10/6/2021	1'-2'	<0.034	<0.068	<0.068	<0.14	<0.14	<6.8	<33	<170	<33	<170	<69
P-E-7A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<8.8	<44	<8.8	<44	150
P-E-8	10/6/2021	1'-2'	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	<24	<120	<24	<120	230
P-E-8A	11/16/2021	1'-2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	150	340	150	490	620
P-E-8B	12/14/2021	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<50	<9.9	<50	320
P-E-9	10/6/2021	1'-2'	<0.026	<0.050	<0.050	<0.10	<0.10	<5.0	<18	<88	<18	<88	<61
P-E-9A	11/16/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<9.4	<47	65
P-E-10	10/6/2021	1'-2'	<0.033	<0.066	<0.066	<0.13	<0.13	<6.6	<42	<210	<42	<210	400
P-E-10A	11/17/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.1	<41	<8.1	<41	300
P-E-11	10/6/2021	1'-2'	<0.056	<0.11	<0.11	<0.22	<0.22	<11	<18	<91	<18	<91	93
P-E-11A	11/17/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<7.6	<38	<7.6	<38	90
P-E-12	10/6/2021	1'-2'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	14	62	14	76	76
P-F-1	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<10	<50	<10	<50	91
P-F-2	10/6/2021	1'-2'	<0.022	<0.044	<0.044	<0.087	<0.09	<4.4	<8.2	<41	<8.2	<41	<59
P-F-3	10/6/2021	1'-2'	<0.020	<0.039	<0.039	<0.078	<0.08	<3.9	<21	<110	<21	<110	<59
P-F-3A	11/16/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<8.2	<41	<8.2	<41	200
P-F-4	10/6/2021	1'-2'	<0.028	<0.056	<0.056	<0.11	<0.11	<5.6	<18	<90	<18	<90	<61
P-F-4A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	12	<43	12	12	160
P-F-5	10/6/2021	1'-2'	<0.026	<0.052	<0.052	<0.10	<0.10	<5.2	<12	<59	<12	<59	<61
P-F-6	10/6/2021	1'-2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	23	<50	23	23	<60
P-F-7	10/6/2021	1'-2'	<0.030	<0.061	<0.061	<0.12	<0.12	<6.1	<11	<53	<11	<53	64
P-F-8	10/6/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<18	<88	<18	<88	<61
P-F-8A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<6.7	<34	<6.7	<34	410
P-F-9	10/6/2021	1'-2'	<0.028	<0.055	<0.055	<0.11	<0.11	<5.5	<9.9	<49	<9.9	<49	100
P-F-10	10/6/2021	1'-2'	<0.022	<0.046	<0.046	<0.090	<0.09	<4.6	<20	<100	<20	<100	120
P-F-10A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.1	<41	<8.1	<41	<61
P-G-1	10/6/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	56	110	56	166	3,290
P-G-1A	11/16/2021	2'-3'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.8	<49	<9.8	<49	<60
P-G-2	10/6/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<12	<61	<12	<61	87
P-G-3	10/6/2021	1'-2'	<0.025	<0.051	<0.051	<0.10	<0.10	<5.1	<9.4	<47	<9.4	<47	<59
P-G-4	10/6/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	41	66	41	106	420
P-G-4A	11/16/2021	2'-3'	<0.023	<0.045	<0.045	<0.091	<0.09	<4.5	<8.6	<43	<8.6	<43	77
P-G-5	10/6/2021	1'-2'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<7.2	<36	<7.2	<36	<59
P-G-6	10/6/2021	1'-2'	<0.036	<0.072	<0.072	<0.14	<0.14	<7.2	<19	<96	<19	<96	<69
P-G-6A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<7.8	<39	<7.8	<39	<59
P-G-7	10/6/2021	1'-2'	<0.020	<0.040	<0.040	<0.081	<0.08	<4.0	<22	<110	<22	<110	96
P-G-7A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.5	<43	<8.5	<43	250
P-G-8	10/6/2021	1'-2'	<0.026	<0.051	<0.051	<0.10	<0.10	<5.1	<17	<83	<17	<83	77
P-G-8A	11/16/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<7.6	<38	<7.6	<38	210
P-G-9	10/6/2021	1'-2'	<0.030	<0.061	<0.061	<0.12	<0.12	<6.1	<15	<74	<15	<74	290
P-G-10	10/6/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<68	<14	<68	63
P-H-1	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<8.8	<44	<8.8	<44	270
P-H-2	10/6/2021	1'-2'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<8.2	<41	<8.2	<41	170
P-H-3	10/6/2021	1'-2'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	9.9	<31	9.9	9.9	150
P-H-4	10/6/2021	1'-2'	<0.027	<0.054	<0.054	<0.11	<0.11	<5.4	<21	<110	<21	<110	<59
P-H-4A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.1	<40	<8.1	<40	<61
P-H-5	10/6/2021	1'-2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<17	<83	<17	<83	<59

SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. DONAHUE FEDERAL SWD #1													
All values presented in parts per million (mg/Kg)													
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
P-H-5A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<7.1	<35	<7.1	<35	110
P-H-6	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<22	<110	<22	<110	120
P-H-6A	11/16/2021	1'-2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<7.2	<36	<7.2	<36	140
P-H-7	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<36	<180	<36	<180	210
P-H-7A	11/16/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<8.1	<41	<8.1	<41	360
P-I-1	10/6/2021	1'-2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<6.4	<32	<6.4	<32	110
P-I-2	10/6/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<12	<61	<12	<61	110
P-I-3	10/6/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<77	<15	<77	<60
P-I-4	10/6/2021	1'-2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<17	<86	<17	<86	<59
P-I-4A	11/16/2021	1'-2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<6.7	<33	<6.7	<33	130
P-I-5	10/6/2021	1'-2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<7.5	<38	<7.5	<38	91
P-I-6	10/6/2021	1'-2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.4	<47	<9.4	<47	800
P-I-6A	11/16/2021	2'-3'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<9.8	<49	580
P-J-1	10/6/2021	1'-2'	<0.028	<0.055	<0.055	<0.11	<0.11	<5.5	<19	<97	<19	<97	<60
P-J-1A	11/16/2021	1'-2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.0	<45	<9.0	<45	<60
P-J-2	10/6/2021	1'-2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<9.4	<47	130
Tank Battery Area Samples													
TB-A-1	10/7/2021	1'-2'	<0.022	<0.044	<0.044	<0.087	<0.09	<4.4	<11	<53	<11	<53	<61
TB-A-2	10/7/2021	1'-2'	<0.027	<0.055	<0.055	<0.11	<0.11	<5.5	39	91	39	130	<61
TB-A-2A	11/16/2021	2'-3'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<8.9	<45	<8.9	<45	<60
TB-A-3	10/7/2021	1'-2'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<7.8	<39	<7.8	<39	<60
TB-A-4	10/7/2021	1'-2'	<0.022	<0.045	<0.045	<0.090	<0.09	<4.5	<12	<59	<12	<59	<60
TB-A-5	10/7/2021	1'-2'	<0.020	<0.040	<0.040	<0.079	<0.08	<4.0	<12	<61	<12	<61	<61
TB-A-6	10/7/2021	1'-2'	<0.022	<0.044	<0.044	<0.087	<0.09	<4.4	<12	<59	<12	<59	<60
TB-A-7	10/7/2021	1'-2'	<0.020	<0.041	<0.041	<0.082	<0.08	<4.1	<11	<57	<11	<57	<59
TB-A-8	10/7/2021	1'-2'	<0.028	<0.057	<0.057	<0.11	<0.11	<5.7	<8.7	<43	<8.7	<43	<60
TB-A-9	10/7/2021	1'-2'	<0.020	<0.039	<0.039	<0.079	<0.08	<3.9	<12	<61	<12	<61	<59
TB-A-10	10/7/2021	1'-2'	<0.023	<0.045	<0.045	<0.090	<0.09	<4.5	<7.8	<39	<7.8	<39	<60
TB-A-11	10/7/2021	1'-2'	<0.020	<0.040	<0.040	<0.081	<0.08	<4.0	<9.8	<49	<9.8	<49	<59
TB-A-12	10/7/2021	1'-2'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	<6.6	<33	<6.6	<33	<59
TB-A-13	10/7/2021	1'-2'	<0.028	<0.055	<0.055	<0.11	<0.11	<5.5	<6.9	<34	<6.9	<34	<60
TB-A-14	10/7/2021	1'-2'	<0.027	<0.055	<0.055	<0.11	<0.11	<5.5	<7.7	<38	<7.7	<38	98
TB-A-15	10/7/2021	1'-2'	<0.044	<0.089	<0.089	<0.18	<0.18	<8.9	19	<75	19	19	<60
TB-B-1	10/7/2021	2'-3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<9.7	<48	<60
TB-B-2	10/7/2021	2'-3'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<6.9	<35	<6.9	<35	<60
TB-B-3	10/7/2021	2'-3'	<0.032	<0.064	<0.064	<0.13	<0.13	<6.4	85	180	85	265	<59
TB-B3A	11/16/2021	3'-4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.1	<46	<9.1	<46	<60
TB-B-4	10/7/2021	2'-3'	<0.021	<0.041	<0.041	<0.082	<0.08	<4.1	<14	<68	<14	<68	<60
TB-B-5	10/7/2021	2'-3'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	31	45	31	76	<59
TB-B-6	10/7/2021	2'-3'	<0.035	<0.071	<0.071	<0.14	<0.14	<7.1	150	300	150	450	<60
TB-B-6A	11/16/2021	3'-4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.6	<48	<9.6	<48	110
TB-B-7	10/7/2021	2'-3'	<0.036	<0.072	<0.072	<0.14	<0.14	<7.2	<6.7	<34	<7.2	<34	<59
TB-B-8	10/7/2021	2'-3'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<13	<63	<13	<63	<60
TB-B-9	10/7/2021	2'-3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	440	880	440	1,320	<60
TB-B-9A	11/16/2021	3'-4'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<7.6	<38	<7.6	<38	<60
TB-B-10	10/7/2021	2'-3'	<0.027	<0.053	<0.053	<0.11	<0.11	<5.3	<9.3	<46	<9.3	<46	<59
TB-B-11	10/7/2021	2'-3'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<7.6	<38	<7.6	<38	<59
TB-B-12	10/7/2021	2'-3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<13	<64	<13	<64	<60
TB-B-13	10/7/2021	2'-3'	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	<6.2	<31	<6.2	<31	<60
TB-B-14	10/7/2021	2'-3'	<0.021	<0.042	<0.042	<0.084	<0.08	<4.2	<8.5	<42	<8.5	<42	<59
TB-B-15	10/7/2021	2'-3'	<0.023	<0.045	<0.045	<0.090	<0.09	<4.5	<16	<79	<16	<79	72
TB-NW-1	10/7/2021	0'-3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.5	<47	<9.5	<47	76
TB-NW-2	10/7/2021	0'-3'	<0.035	<0.069	<0.069	<0.14	<0.14	<6.9	<15	<75	<15	<75	<60
TB-NW-3	10/7/2021	0'-3'	<0.022	<0.043	<0.043	<0.087	<0.09	<4.3	<8.7	<43	<8.7	<43	160
TB-WW-1	10/7/2021	0'-3'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<8.4	<42	<8.4	<42	<60
Pipeline Area Samples													
A-1	11/17/2021	4.5'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	60	170	60	230	<60
A-1A	12/14/2021	5'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	200	310	200	510	<60
A-1B	12/29/2021	5.5'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	33	73	33	106	<60
A-1C	1/18/2022	6.5'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.0	<45	<9.0	<45	<61
AW-1	11/17/2021	0-4.5'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.1	<45	<9.1	<45	<59
AW-2	11/17/2021	0-4.5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	26	70	26	96	<59
B-1	11/17/2021	15'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<9.8	<49	<60
B-2	11/17/2021	15'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	8.6	<36	8.6	8.6	<60
B-3	11/17/2021	15'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.0	<45	<9.0	<45	<61
B-4	11/17/2021	15'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	<60
B-5	11/17/2021	15'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<7.7	<39	<7.7	<39	<60
BW-1	11/17/2021	0-15'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	57	90	57	147	270
BW-1A	12/14/2021	0'-15'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.7	<49	<9.7	<49	230

SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. DONAHUE FEDERAL SWD #1													
All values presented in parts per million (mg/Kg)													
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
BW-2	11/17/2021	0-15'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	70	150	70	220	<60
BW-2A	12/14/2021	0'-15'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.6	<48	<9.6	<48	330
BW-3	11/17/2021	4.5'-15'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.9	<49	<9.9	<49	<60
BW-4	11/17/2021	0-15'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<8.0	<40	<8.0	<40	<60
BW-5	11/17/2021	0-15'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	420
BW-6	11/17/2021	8'-15'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.0	<45	<9.0	<45	88
BW-7	11/17/2021	6'-15'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.1	<46	<9.1	<46	<60
BW-8	11/17/2021	6'-15'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<7.1	<35	<7.1	<35	<60
C-1	11/17/2021	7'-8'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	53	96	53	149	<60
C-1A	12/16/2021	10'	<0.12	<0.24	<0.24	<0.48	<0.48	<24	17	56	17	73	<60
C-2	11/17/2021	7'-8'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	21	<48	21	21	96
C-3	11/17/2021	7'-8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	30	84	30	114	<60
C-3A	12/16/2021	10'	<0.12	<0.24	<0.24	<0.48	<0.48	<24	340	600	340	940	<60
C-3B	12/30/2021	14'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	150	270	150	420	<60
C-3C	1/18/2022	15'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	470
C-4	11/17/2021	7'-8'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	13	<43	13	13	<59
C-5	11/17/2021	7'-8'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<10	<50	<10	<50	<59
C-6	11/17/2021	7'-8'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	47	110	47	157	<60
C-6A	12/14/2021	8'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	130	230	130	330	100
C-6B	12/30/2021	14'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	170	210	170	380	130
C-6C	1/18/2022	16'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	<60
C-7	11/17/2021	7'-8'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	76	190	76	266	<60
C-7A	12/16/2021	10'	<0.12	<0.24	<0.24	<0.48	<0.48	<24	100	170	100	270	<60
C-7B	12/30/2021	14'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	15	<49	15	15	<60
CW-1	11/17/2021	0-8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	64	130	64	184	<60
CW-1A	12/16/2021	0'-8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	24	<49	24	24	<60
CW-2	11/17/2021	0-8'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<6.5	<33	<6.5	<33	<61
CW-3	12/16/2021	0'-10'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	11	51	11	62	<60
D-1	11/17/2021	6'-7'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	190	320	190	610	<60
D-1A	12/16/2021	12'	<0.12	<0.24	<0.24	<0.48	<0.48	<24	920	850	920	1,770	<60
D-1B	12/29/2021	18'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.0	<45	<9.0	<45	<60
D-2	11/17/2021	6'-7'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	68	220	68	288	<60
D-2A	12/16/2021	12'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	47	120	47	167	<60
D-2B	12/29/2021	18'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.2	<46	<9.2	<46	<60
DW-1	11/17/2021	0-7'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<9.6	<48	<60
DW-2	11/17/2021	0-7'	<0.023	<0.046	<0.046	<0.094	<0.09	<4.6	20	87	20	107	<60
DW-2A	12/14/2021	0'-8'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.6	<48	<9.6	<48	240
DW-3	12/16/2021	7'-12'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	45	110	45	155	<60
DW-3A	12/29/2021	7'-18'	<0.020	<0.039	<0.039	<0.079	<0.08	<3.9	<9.8	<49	<9.8	<49	<60
DW-4	12/30/2021	12'-18'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	70	140	70	210	<60
DW-4A	1/18/2022	12'-18'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<49	<9.9	<49	440
DW-5	12/30/2021	7'-18'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	37	110	37	147	<60
DW-5A	1/8/2022	7'-18'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<9.9	<49	<59
E-1	11/17/2021	3'-6'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<8.9	<45	<8.9	<45	73
E-2	11/17/2021	2'-6'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	29	52	29	81	68
E-3	11/17/2021	2'-6'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	140	150	140	290	110
E-3A	12/14/2021	2'-6'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	99	170	99	269	96
E-3B	12/30/2021	2'-6'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	100	200	100	300	100
E-3C	1/18/2022	7'-8'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<8.9	<44	<8.9	<44	<60
E-4	11/17/2021	2'-6'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	290	290	290	620	<60
E-4A	12/14/2021	2'-6'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	24	62	24	86	<60
F-1	11/17/2021	2'-3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	31	70	31	101	94
F-1A	12/14/2021	2'-3'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	160	300	160	460	<60
F-1B	12/29/2021	2'-4'	<0.020	<0.041	<0.041	<0.081	<0.08	<4.1	14	<46	14	14	<61
F-2	11/17/2021	2'-3'	<0.023	<0.046	<0.046	<0.094	<0.09	<4.6	140	210	140	350	<60
F-2A	12/14/2021	2'-3'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	15	64	15	79	<60
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')			10	---	---	---	50	---	---	---	---	100	600
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10 ³	---	---	---	50 ³	---	---	---	---	100 ³	600
Notes:													
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.													
4. Strikethrough indicates that a sample area either overexcavated and re-samples, or, a new sample was collected in the area due to laboratory detection issues.													
5. Samples with laboratory detection limits that exceed the applicable Table 1 Closure Criteria are highlighted in light blue.													

ATTACHMENT 2 – SITE PHOTOGRAPHS



PHOTOGRAPH NO. 1 – A general view of the excavation activities in the tank battery area on September 1, 2021. The view is towards the east.



PHOTOGRAPH NO. 2 – A view of the tank battery area upon completion of the remedial process. The view is towards the west. (Approximate GPS Coordinates: 32.590593, -104.582195)



PHOTOGRAPH NO. 3 – A view of the remedial excavation activities on the facility pad area. The view is towards the east. (Approximate GPS Coordinates: 32.590491, -104.582411)



PHOTOGRAPH NO. 4 – A general view of the facility pad area upon completion of the remedial excavation process. The view is towards the southeast. (Approximate GPS Coordinates: 32.590466, -104.582587)



PHOTOGRAPH NO. 5 – A general view of the remedial excavation activities in the pipeline area on December 14, 2021. The view is towards the southeast. (Approximate GPS Coordinates: 32.590685, -104.582177)



PHOTOGRAPH NO. 6 – An additional view of the remedial excavation activities in the pipeline area. The view is of the eastern portion of the excavated area and towards the southeast. (Approximate GPS Coordinates: 32.590718, -104.582036)

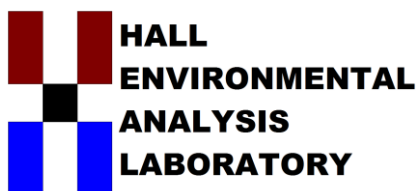


PHOTOGRAPH NO. 7 – A view of the western side of the pipeline area upon completion of the remediation process. The view is towards the northwest. (Approximate GPS Coordinates: 32.590598, -104.582062)



PHOTOGRAPH NO. 8 – A view of the pipeline area upon completion of the remedial process. The view is towards the northwest. (Approximate GPS Coordinates: 32.590634, -104.581826)

ATTACHMENT 4 – LABORATORY ANALYTICAL REPORTS



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

October 26, 2021

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Donahue Federal SWD 1

OrderNo.: 2110485

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 98 sample(s) on 10/8/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued October 25, 2021.

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.

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-13

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:52:00 AM

Lab ID: 2110485-001

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/16/2021 12:46:29 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	10/22/2021 10:58:58 AM	63462
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	10/22/2021 10:58:58 AM	63462
Surr: DNOP	95.8	70-130		%Rec	1	10/22/2021 10:58:58 AM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 6:34:00 AM	63259
Surr: BFB	106	70-130		%Rec	1	10/19/2021 6:34:00 AM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 6:34:00 AM	63259
Toluene	ND	0.048		mg/Kg	1	10/19/2021 6:34:00 AM	63259
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 6:34:00 AM	63259
Xylenes, Total	ND	0.096		mg/Kg	1	10/19/2021 6:34:00 AM	63259
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	10/19/2021 6:34:00 AM	63259

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

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

Page 1 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-14

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:01:00 AM

Lab ID: 2110485-002

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/16/2021 12:58:53 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/14/2021 1:16:33 PM	63270
Motor Oil Range Organics (MRO)	ND	61	D	mg/Kg	1	10/14/2021 1:16:33 PM	63270
Surr: DNOP	106	70-130	D	%Rec	1	10/14/2021 1:16:33 PM	63270
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 6:54:00 AM	63259
Surr: BFB	104	70-130		%Rec	1	10/19/2021 6:54:00 AM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 6:54:00 AM	63259
Toluene	ND	0.048		mg/Kg	1	10/19/2021 6:54:00 AM	63259
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 6:54:00 AM	63259
Xylenes, Total	ND	0.095		mg/Kg	1	10/19/2021 6:54:00 AM	63259
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	10/19/2021 6:54:00 AM	63259

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-15

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:02:00 AM

Lab ID: 2110485-003

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/16/2021 1:11:18 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	10/22/2021 11:09:44 AM	63462
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/22/2021 11:09:44 AM	63462
Surr: DNOP	96.8	70-130		%Rec	1	10/22/2021 11:09:44 AM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 8:26:00 PM	63259
Surr: BFB	96.9	70-130		%Rec	1	10/19/2021 8:26:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 8:26:00 PM	63259
Toluene	ND	0.048		mg/Kg	1	10/19/2021 8:26:00 PM	63259
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 8:26:00 PM	63259
Xylenes, Total	ND	0.095		mg/Kg	1	10/19/2021 8:26:00 PM	63259
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	10/19/2021 8:26:00 PM	63259

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

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

Page 3 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-1

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:00:00 AM

Lab ID: 2110485-004

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/16/2021 1:23:43 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	10/14/2021 1:38:14 PM	63270
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/14/2021 1:38:14 PM	63270
Surr: DNOP	89.1	70-130		%Rec	1	10/14/2021 1:38:14 PM	63270
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/19/2021 8:46:00 PM	63259
Surr: BFB	97.6	70-130		%Rec	1	10/19/2021 8:46:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/19/2021 8:46:00 PM	63259
Toluene	ND	0.049		mg/Kg	1	10/19/2021 8:46:00 PM	63259
Ethylbenzene	ND	0.049		mg/Kg	1	10/19/2021 8:46:00 PM	63259
Xylenes, Total	ND	0.098		mg/Kg	1	10/19/2021 8:46:00 PM	63259
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	10/19/2021 8:46:00 PM	63259

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-2

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:02:00 AM

Lab ID: 2110485-005

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/16/2021 1:36:08 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	13	D	mg/Kg	1	10/14/2021 1:49:06 PM	63270
Motor Oil Range Organics (MRO)	ND	64	D	mg/Kg	1	10/14/2021 1:49:06 PM	63270
Surr: DNOP	89.7	70-130	D	%Rec	1	10/14/2021 1:49:06 PM	63270
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/19/2021 9:06:00 PM	63259
Surr: BFB	106	70-130		%Rec	1	10/19/2021 9:06:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/19/2021 9:06:00 PM	63259
Toluene	ND	0.050		mg/Kg	1	10/19/2021 9:06:00 PM	63259
Ethylbenzene	ND	0.050		mg/Kg	1	10/19/2021 9:06:00 PM	63259
Xylenes, Total	ND	0.099		mg/Kg	1	10/19/2021 9:06:00 PM	63259
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	10/19/2021 9:06:00 PM	63259

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

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

Page 5 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-3

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:16:00 AM

Lab ID: 2110485-006

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	320	60		mg/Kg	20	10/16/2021 1:48:33 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.5		mg/Kg	1	10/22/2021 11:20:31 AM	63462
Motor Oil Range Organics (MRO)	ND	37		mg/Kg	1	10/22/2021 11:20:31 AM	63462
Surr: DNOP	112	70-130		%Rec	1	10/22/2021 11:20:31 AM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 9:25:00 PM	63259
Surr: BFB	107	70-130		%Rec	1	10/19/2021 9:25:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 9:25:00 PM	63259
Toluene	ND	0.048		mg/Kg	1	10/19/2021 9:25:00 PM	63259
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 9:25:00 PM	63259
Xylenes, Total	ND	0.096		mg/Kg	1	10/19/2021 9:25:00 PM	63259
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	10/19/2021 9:25:00 PM	63259

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

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

Page 6 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-4

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:18:00 AM

Lab ID: 2110485-007

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/16/2021 2:00:58 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.6		mg/Kg	1	10/22/2021 11:31:19 AM	63462
Motor Oil Range Organics (MRO)	ND	33		mg/Kg	1	10/22/2021 11:31:19 AM	63462
Surr: DNOP	99.8	70-130		%Rec	1	10/22/2021 11:31:19 AM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	10/19/2021 9:45:00 PM	63259
Surr: BFB	110	70-130		%Rec	1	10/19/2021 9:45:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	10/19/2021 9:45:00 PM	63259
Toluene	ND	0.044		mg/Kg	1	10/19/2021 9:45:00 PM	63259
Ethylbenzene	ND	0.044		mg/Kg	1	10/19/2021 9:45:00 PM	63259
Xylenes, Total	ND	0.087		mg/Kg	1	10/19/2021 9:45:00 PM	63259
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	10/19/2021 9:45:00 PM	63259

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

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

Page 7 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-5

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:27:00 AM

Lab ID: 2110485-008

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/16/2021 2:13:23 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	10/22/2021 11:42:08 AM	63462
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	10/22/2021 11:42:08 AM	63462
Surr: DNOP	94.7	70-130		%Rec	1	10/22/2021 11:42:08 AM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 10:05:00 PM	63259
Surr: BFB	104	70-130		%Rec	1	10/19/2021 10:05:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 10:05:00 PM	63259
Toluene	ND	0.048		mg/Kg	1	10/19/2021 10:05:00 PM	63259
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 10:05:00 PM	63259
Xylenes, Total	ND	0.095		mg/Kg	1	10/19/2021 10:05:00 PM	63259
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	10/19/2021 10:05:00 PM	63259

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

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

Page 8 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-6

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:29:00 AM

Lab ID: 2110485-009

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/16/2021 2:25:48 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/15/2021 12:15:36 AM	63271
Motor Oil Range Organics (MRO)	ND	72	D	mg/Kg	1	10/15/2021 12:15:36 AM	63271
Surr: DNOP	96.8	70-130	D	%Rec	1	10/15/2021 12:15:36 AM	63271
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	10/19/2021 10:24:00 PM	63259
Surr: BFB	102	70-130		%Rec	1	10/19/2021 10:24:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	10/19/2021 10:24:00 PM	63259
Toluene	ND	0.044		mg/Kg	1	10/19/2021 10:24:00 PM	63259
Ethylbenzene	ND	0.044		mg/Kg	1	10/19/2021 10:24:00 PM	63259
Xylenes, Total	ND	0.088		mg/Kg	1	10/19/2021 10:24:00 PM	63259
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	10/19/2021 10:24:00 PM	63259

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-7

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:38:00 AM

Lab ID: 2110485-010

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	340	59		mg/Kg	20	10/18/2021 7:41:14 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/15/2021 12:26:16 AM	63271
Motor Oil Range Organics (MRO)	ND	70	D	mg/Kg	1	10/15/2021 12:26:16 AM	63271
Surr: DNOP	84.6	70-130	D	%Rec	1	10/15/2021 12:26:16 AM	63271
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/19/2021 10:44:00 PM	63259
Surr: BFB	103	70-130		%Rec	1	10/19/2021 10:44:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/19/2021 10:44:00 PM	63259
Toluene	ND	0.047		mg/Kg	1	10/19/2021 10:44:00 PM	63259
Ethylbenzene	ND	0.047		mg/Kg	1	10/19/2021 10:44:00 PM	63259
Xylenes, Total	ND	0.093		mg/Kg	1	10/19/2021 10:44:00 PM	63259
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	10/19/2021 10:44:00 PM	63259

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

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

Page 10 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-8

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:39:00 AM

Lab ID: 2110485-011

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	61		mg/Kg	20	10/18/2021 7:53:38 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/15/2021 12:36:56 AM	63271
Motor Oil Range Organics (MRO)	ND	71	D	mg/Kg	1	10/15/2021 12:36:56 AM	63271
Surr: DNOP	95.8	70-130	D	%Rec	1	10/15/2021 12:36:56 AM	63271
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/19/2021 11:03:00 PM	63259
Surr: BFB	99.5	70-130		%Rec	1	10/19/2021 11:03:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/19/2021 11:03:00 PM	63259
Toluene	ND	0.050		mg/Kg	1	10/19/2021 11:03:00 PM	63259
Ethylbenzene	ND	0.050		mg/Kg	1	10/19/2021 11:03:00 PM	63259
Xylenes, Total	ND	0.10		mg/Kg	1	10/19/2021 11:03:00 PM	63259
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	10/19/2021 11:03:00 PM	63259

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

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

Page 11 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-9

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:51:00 AM

Lab ID: 2110485-012

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/18/2021 8:06:03 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/15/2021 12:47:34 AM	63271
Motor Oil Range Organics (MRO)	ND	61	D	mg/Kg	1	10/15/2021 12:47:34 AM	63271
Surr: DNOP	129	70-130	D	%Rec	1	10/15/2021 12:47:34 AM	63271
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 11:23:00 PM	63259
Surr: BFB	105	70-130		%Rec	1	10/19/2021 11:23:00 PM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 11:23:00 PM	63259
Toluene	ND	0.048		mg/Kg	1	10/19/2021 11:23:00 PM	63259
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 11:23:00 PM	63259
Xylenes, Total	ND	0.097		mg/Kg	1	10/19/2021 11:23:00 PM	63259
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	10/19/2021 11:23:00 PM	63259

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

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

Page 12 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-10

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 8:53:00 AM

Lab ID: 2110485-013

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	98	59		mg/Kg	20	10/18/2021 8:18:28 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/15/2021 12:58:10 AM	63271
Motor Oil Range Organics (MRO)	ND	62	D	mg/Kg	1	10/15/2021 12:58:10 AM	63271
Surr: DNOP	95.8	70-130	D	%Rec	1	10/15/2021 12:58:10 AM	63271
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/20/2021 12:22:00 AM	63259
Surr: BFB	106	70-130		%Rec	1	10/20/2021 12:22:00 AM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.027		mg/Kg	1	10/20/2021 12:22:00 AM	63259
Toluene	ND	0.055		mg/Kg	1	10/20/2021 12:22:00 AM	63259
Ethylbenzene	ND	0.055		mg/Kg	1	10/20/2021 12:22:00 AM	63259
Xylenes, Total	ND	0.11		mg/Kg	1	10/20/2021 12:22:00 AM	63259
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	10/20/2021 12:22:00 AM	63259

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

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

Page 13 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-11

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:04:00 AM

Lab ID: 2110485-014

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	59		mg/Kg	20	10/18/2021 8:30:53 AM	63331
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.1		mg/Kg	1	10/22/2021 11:53:01 AM	63462
Motor Oil Range Organics (MRO)	ND	31		mg/Kg	1	10/22/2021 11:53:01 AM	63462
Surr: DNOP	102	70-130		%Rec	1	10/22/2021 11:53:01 AM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/20/2021 12:41:00 AM	63259
Surr: BFB	104	70-130		%Rec	1	10/20/2021 12:41:00 AM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/20/2021 12:41:00 AM	63259
Toluene	ND	0.047		mg/Kg	1	10/20/2021 12:41:00 AM	63259
Ethylbenzene	ND	0.047		mg/Kg	1	10/20/2021 12:41:00 AM	63259
Xylenes, Total	ND	0.094		mg/Kg	1	10/20/2021 12:41:00 AM	63259
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	10/20/2021 12:41:00 AM	63259

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

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

Page 14 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-12

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:05:00 AM

Lab ID: 2110485-015

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/18/2021 10:22:33 AM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10	D	mg/Kg	1	10/15/2021 1:19:20 AM	63271
Motor Oil Range Organics (MRO)	ND	52	D	mg/Kg	1	10/15/2021 1:19:20 AM	63271
Surr: DNOP	99.5	70-130	D	%Rec	1	10/15/2021 1:19:20 AM	63271
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/20/2021 1:01:00 AM	63259
Surr: BFB	101	70-130		%Rec	1	10/20/2021 1:01:00 AM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/20/2021 1:01:00 AM	63259
Toluene	ND	0.049		mg/Kg	1	10/20/2021 1:01:00 AM	63259
Ethylbenzene	ND	0.049		mg/Kg	1	10/20/2021 1:01:00 AM	63259
Xylenes, Total	ND	0.098		mg/Kg	1	10/20/2021 1:01:00 AM	63259
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	10/20/2021 1:01:00 AM	63259

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-13

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:23:00 AM

Lab ID: 2110485-016

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	570	59		mg/Kg	20	10/18/2021 10:59:46 AM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	11	D	mg/Kg	1	10/15/2021 1:29:55 AM	63271
Motor Oil Range Organics (MRO)	ND	56	D	mg/Kg	1	10/15/2021 1:29:55 AM	63271
Surr: DNOP	94.1	70-130	D	%Rec	1	10/15/2021 1:29:55 AM	63271
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2021 1:21:00 AM	63259
Surr: BFB	103	70-130		%Rec	1	10/20/2021 1:21:00 AM	63259
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/20/2021 1:21:00 AM	63259
Toluene	ND	0.050		mg/Kg	1	10/20/2021 1:21:00 AM	63259
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2021 1:21:00 AM	63259
Xylenes, Total	ND	0.10		mg/Kg	1	10/20/2021 1:21:00 AM	63259
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	10/20/2021 1:21:00 AM	63259

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-14

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:25:00 AM

Lab ID: 2110485-017

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/18/2021 12:14:13 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15	D	mg/Kg	1	10/15/2021 4:10:21 AM	63287
Motor Oil Range Organics (MRO)	ND	76	D	mg/Kg	1	10/15/2021 4:10:21 AM	63287
Surr: DNOP	83.0	70-130	D	%Rec	1	10/15/2021 4:10:21 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/19/2021 12:21:00 AM	63266
Surr: BFB	106	70-130		%Rec	1	10/19/2021 12:21:00 AM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/19/2021 12:21:00 AM	63266
Toluene	ND	0.049		mg/Kg	1	10/19/2021 12:21:00 AM	63266
Ethylbenzene	ND	0.049		mg/Kg	1	10/19/2021 12:21:00 AM	63266
Xylenes, Total	ND	0.098		mg/Kg	1	10/19/2021 12:21:00 AM	63266
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	10/19/2021 12:21:00 AM	63266

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

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

Page 17 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-15

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:38:00 AM

Lab ID: 2110485-018

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/18/2021 12:26:37 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/15/2021 4:21:09 AM	63287
Motor Oil Range Organics (MRO)	ND	68	D	mg/Kg	1	10/15/2021 4:21:09 AM	63287
Surr: DNOP	88.0	70-130	D	%Rec	1	10/15/2021 4:21:09 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 1:20:00 AM	63266
Surr: BFB	108	70-130		%Rec	1	10/19/2021 1:20:00 AM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 1:20:00 AM	63266
Toluene	ND	0.048		mg/Kg	1	10/19/2021 1:20:00 AM	63266
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 1:20:00 AM	63266
Xylenes, Total	ND	0.096		mg/Kg	1	10/19/2021 1:20:00 AM	63266
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	10/19/2021 1:20:00 AM	63266

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

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

Page 18 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-16

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:39:00 AM

Lab ID: 2110485-019

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/18/2021 12:39:02 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	10/15/2021 4:31:55 AM	63287
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/15/2021 4:31:55 AM	63287
Surr: DNOP	102	70-130		%Rec	1	10/15/2021 4:31:55 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/19/2021 2:19:00 AM	63266
Surr: BFB	106	70-130		%Rec	1	10/19/2021 2:19:00 AM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/19/2021 2:19:00 AM	63266
Toluene	ND	0.047		mg/Kg	1	10/19/2021 2:19:00 AM	63266
Ethylbenzene	ND	0.047		mg/Kg	1	10/19/2021 2:19:00 AM	63266
Xylenes, Total	ND	0.093		mg/Kg	1	10/19/2021 2:19:00 AM	63266
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	10/19/2021 2:19:00 AM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-B-17

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 9:50:00 AM

Lab ID: 2110485-020

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/18/2021 12:51:26 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	17	9.7		mg/Kg	1	10/15/2021 4:42:40 AM	63287
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/15/2021 4:42:40 AM	63287
Surr: DNOP	123	70-130		%Rec	1	10/15/2021 4:42:40 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/19/2021 2:38:00 AM	63266
Surr: BFB	106	70-130		%Rec	1	10/19/2021 2:38:00 AM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/19/2021 2:38:00 AM	63266
Toluene	ND	0.048		mg/Kg	1	10/19/2021 2:38:00 AM	63266
Ethylbenzene	ND	0.048		mg/Kg	1	10/19/2021 2:38:00 AM	63266
Xylenes, Total	ND	0.097		mg/Kg	1	10/19/2021 2:38:00 AM	63266
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	10/19/2021 2:38:00 AM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:31:00 PM

Lab ID: 2110485-021

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/18/2021 1:03:50 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.9		mg/Kg	1	10/15/2021 4:53:24 AM	63287
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	10/15/2021 4:53:24 AM	63287
Surr: DNOP	122	70-130		%Rec	1	10/15/2021 4:53:24 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/18/2021 11:18:00 AM	63266
Surr: BFB	109	70-130		%Rec	1	10/18/2021 11:18:00 AM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/18/2021 11:18:00 AM	63266
Toluene	ND	0.048		mg/Kg	1	10/18/2021 11:18:00 AM	63266
Ethylbenzene	ND	0.048		mg/Kg	1	10/18/2021 11:18:00 AM	63266
Xylenes, Total	ND	0.097		mg/Kg	1	10/18/2021 11:18:00 AM	63266
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	10/18/2021 11:18:00 AM	63266

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

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

Page 21 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:33:00 PM

Lab ID: 2110485-022

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/18/2021 1:16:15 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/15/2021 5:04:07 AM	63287
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/15/2021 5:04:07 AM	63287
Surr: DNOP	112	70-130		%Rec	1	10/15/2021 5:04:07 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/18/2021 11:37:00 AM	63266
Surr: BFB	98.4	70-130		%Rec	1	10/18/2021 11:37:00 AM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/18/2021 11:37:00 AM	63266
Toluene	ND	0.049		mg/Kg	1	10/18/2021 11:37:00 AM	63266
Ethylbenzene	ND	0.049		mg/Kg	1	10/18/2021 11:37:00 AM	63266
Xylenes, Total	ND	0.099		mg/Kg	1	10/18/2021 11:37:00 AM	63266
Surr: 4-Bromofluorobenzene	80.9	70-130		%Rec	1	10/18/2021 11:37:00 AM	63266

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

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

Page 22 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-3

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:42:00 PM

Lab ID: 2110485-023

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/18/2021 1:28:40 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	11	D	mg/Kg	1	10/15/2021 5:14:49 AM	63287
Motor Oil Range Organics (MRO)	ND	57	D	mg/Kg	1	10/15/2021 5:14:49 AM	63287
Surr: DNOP	89.6	70-130	D	%Rec	1	10/15/2021 5:14:49 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/18/2021 11:57:00 AM	63266
Surr: BFB	101	70-130		%Rec	1	10/18/2021 11:57:00 AM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/18/2021 11:57:00 AM	63266
Toluene	ND	0.049		mg/Kg	1	10/18/2021 11:57:00 AM	63266
Ethylbenzene	ND	0.049		mg/Kg	1	10/18/2021 11:57:00 AM	63266
Xylenes, Total	ND	0.098		mg/Kg	1	10/18/2021 11:57:00 AM	63266
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	10/18/2021 11:57:00 AM	63266

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

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

Page 23 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-4

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:44:00 PM

Lab ID: 2110485-024

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	330	61		mg/Kg	20	10/18/2021 1:41:05 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	11	D	mg/Kg	1	10/15/2021 5:25:29 AM	63287
Motor Oil Range Organics (MRO)	ND	53	D	mg/Kg	1	10/15/2021 5:25:29 AM	63287
Surr: DNOP	85.3	70-130	D	%Rec	1	10/15/2021 5:25:29 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/18/2021 12:16:00 PM	63266
Surr: BFB	101	70-130		%Rec	1	10/18/2021 12:16:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/18/2021 12:16:00 PM	63266
Toluene	ND	0.047		mg/Kg	1	10/18/2021 12:16:00 PM	63266
Ethylbenzene	ND	0.047		mg/Kg	1	10/18/2021 12:16:00 PM	63266
Xylenes, Total	ND	0.094		mg/Kg	1	10/18/2021 12:16:00 PM	63266
Surr: 4-Bromofluorobenzene	87.8	70-130		%Rec	1	10/18/2021 12:16:00 PM	63266

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

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

Page 24 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-5

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:54:00 PM

Lab ID: 2110485-025

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/18/2021 1:53:29 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/15/2021 5:36:09 AM	63287
Motor Oil Range Organics (MRO)	ND	62	D	mg/Kg	1	10/15/2021 5:36:09 AM	63287
Surr: DNOP	90.2	70-130	D	%Rec	1	10/15/2021 5:36:09 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	10/18/2021 12:36:00 PM	63266
Surr: BFB	106	70-130		%Rec	1	10/18/2021 12:36:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/18/2021 12:36:00 PM	63266
Toluene	ND	0.045		mg/Kg	1	10/18/2021 12:36:00 PM	63266
Ethylbenzene	ND	0.045		mg/Kg	1	10/18/2021 12:36:00 PM	63266
Xylenes, Total	ND	0.090		mg/Kg	1	10/18/2021 12:36:00 PM	63266
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	10/18/2021 12:36:00 PM	63266

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

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

Page 25 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-6

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:56:00 PM

Lab ID: 2110485-026

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/18/2021 2:30:43 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	10/15/2021 5:46:47 AM	63287
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	10/15/2021 5:46:47 AM	63287
Surr: DNOP	89.5	70-130		%Rec	1	10/15/2021 5:46:47 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/18/2021 12:56:00 PM	63266
Surr: BFB	104	70-130		%Rec	1	10/18/2021 12:56:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/18/2021 12:56:00 PM	63266
Toluene	ND	0.049		mg/Kg	1	10/18/2021 12:56:00 PM	63266
Ethylbenzene	ND	0.049		mg/Kg	1	10/18/2021 12:56:00 PM	63266
Xylenes, Total	ND	0.097		mg/Kg	1	10/18/2021 12:56:00 PM	63266
Surr: 4-Bromofluorobenzene	86.1	70-130		%Rec	1	10/18/2021 12:56:00 PM	63266

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

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

Page 26 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-7

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:04:00 PM

Lab ID: 2110485-027

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/18/2021 2:43:07 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	13	D	mg/Kg	1	10/15/2021 5:57:24 AM	63287
Motor Oil Range Organics (MRO)	ND	67	D	mg/Kg	1	10/15/2021 5:57:24 AM	63287
Surr: DNOP	89.9	70-130	D	%Rec	1	10/15/2021 5:57:24 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/18/2021 1:15:00 PM	63266
Surr: BFB	104	70-130		%Rec	1	10/18/2021 1:15:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/18/2021 1:15:00 PM	63266
Toluene	ND	0.049		mg/Kg	1	10/18/2021 1:15:00 PM	63266
Ethylbenzene	ND	0.049		mg/Kg	1	10/18/2021 1:15:00 PM	63266
Xylenes, Total	ND	0.098		mg/Kg	1	10/18/2021 1:15:00 PM	63266
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	10/18/2021 1:15:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-8

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:06:00 PM

Lab ID: 2110485-028

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	61		mg/Kg	20	10/18/2021 2:55:31 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	10/15/2021 6:08:01 AM	63287
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	10/15/2021 6:08:01 AM	63287
Surr: DNOP	87.2	70-130		%Rec	1	10/15/2021 6:08:01 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/18/2021 1:35:00 PM	63266
Surr: BFB	99.9	70-130		%Rec	1	10/18/2021 1:35:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/18/2021 1:35:00 PM	63266
Toluene	ND	0.048		mg/Kg	1	10/18/2021 1:35:00 PM	63266
Ethylbenzene	ND	0.048		mg/Kg	1	10/18/2021 1:35:00 PM	63266
Xylenes, Total	ND	0.096		mg/Kg	1	10/18/2021 1:35:00 PM	63266
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	10/18/2021 1:35:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-9

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:13:00 PM

Lab ID: 2110485-029

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	410	59		mg/Kg	20	10/12/2021 8:05:45 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	16	D	mg/Kg	1	10/12/2021 9:05:22 AM	63206
Motor Oil Range Organics (MRO)	ND	81	D	mg/Kg	1	10/12/2021 9:05:22 AM	63206
Surr: DNOP	86.1	70-130	D	%Rec	1	10/12/2021 9:05:22 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.1		mg/Kg	1	10/13/2021 12:55:51 AM	63192
Surr: BFB	93.0	70-130		%Rec	1	10/13/2021 12:55:51 AM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.031		mg/Kg	1	10/13/2021 12:55:51 AM	63192
Toluene	ND	0.061		mg/Kg	1	10/13/2021 12:55:51 AM	63192
Ethylbenzene	ND	0.061		mg/Kg	1	10/13/2021 12:55:51 AM	63192
Xylenes, Total	ND	0.12		mg/Kg	1	10/13/2021 12:55:51 AM	63192
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	1	10/13/2021 12:55:51 AM	63192

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-10

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:15:00 PM

Lab ID: 2110485-030

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	59		mg/Kg	20	10/12/2021 8:18:10 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/12/2021 9:17:18 AM	63206
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/12/2021 9:17:18 AM	63206
Surr: DNOP	87.0	70-130		%Rec	1	10/12/2021 9:17:18 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/13/2021 2:05:38 AM	63192
Surr: BFB	94.1	70-130		%Rec	1	10/13/2021 2:05:38 AM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.028		mg/Kg	1	10/13/2021 2:05:38 AM	63192
Toluene	ND	0.055		mg/Kg	1	10/13/2021 2:05:38 AM	63192
Ethylbenzene	ND	0.055		mg/Kg	1	10/13/2021 2:05:38 AM	63192
Xylenes, Total	ND	0.11		mg/Kg	1	10/13/2021 2:05:38 AM	63192
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	10/13/2021 2:05:38 AM	63192

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-11

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:31:00 PM

Lab ID: 2110485-031

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	10/12/2021 9:09:06 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	14	10		mg/Kg	1	10/12/2021 9:29:20 AM	63206
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/12/2021 9:29:20 AM	63206
Surr: DNOP	90.0	70-130		%Rec	1	10/12/2021 9:29:20 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	10/13/2021 4:47:42 AM	63192
Surr: BFB	92.6	70-130		%Rec	1	10/13/2021 4:47:42 AM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/13/2021 4:47:42 AM	63192
Toluene	ND	0.051		mg/Kg	1	10/13/2021 4:47:42 AM	63192
Ethylbenzene	ND	0.051		mg/Kg	1	10/13/2021 4:47:42 AM	63192
Xylenes, Total	ND	0.10		mg/Kg	1	10/13/2021 4:47:42 AM	63192
Surr: 4-Bromofluorobenzene	81.4	70-130		%Rec	1	10/13/2021 4:47:42 AM	63192

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-12

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:32:00 PM

Lab ID: 2110485-032

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	360	60		mg/Kg	20	10/12/2021 9:46:19 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	24	9.2		mg/Kg	1	10/12/2021 10:05:16 AM	63206
Motor Oil Range Organics (MRO)	48	46		mg/Kg	1	10/12/2021 10:05:16 AM	63206
Surr: DNOP	106	70-130		%Rec	1	10/12/2021 10:05:16 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.4		mg/Kg	1	10/13/2021 3:12:29 PM	63192
Surr: BFB	107	70-130		%Rec	1	10/13/2021 3:12:29 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.027		mg/Kg	1	10/13/2021 3:12:29 PM	63192
Toluene	ND	0.054		mg/Kg	1	10/13/2021 3:12:29 PM	63192
Ethylbenzene	ND	0.054		mg/Kg	1	10/13/2021 3:12:29 PM	63192
Xylenes, Total	ND	0.11		mg/Kg	1	10/13/2021 3:12:29 PM	63192
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	10/13/2021 3:12:29 PM	63192

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-13

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:50:00 PM

Lab ID: 2110485-033

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	330	60		mg/Kg	20	10/12/2021 10:23:33 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	32	9.7		mg/Kg	1	10/12/2021 10:41:02 AM	63206
Motor Oil Range Organics (MRO)	71	48		mg/Kg	1	10/12/2021 10:41:02 AM	63206
Surr: DNOP	92.4	70-130		%Rec	1	10/12/2021 10:41:02 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.9		mg/Kg	1	10/13/2021 3:36:06 PM	63192
Surr: BFB	105	70-130		%Rec	1	10/13/2021 3:36:06 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.030		mg/Kg	1	10/13/2021 3:36:06 PM	63192
Toluene	ND	0.059		mg/Kg	1	10/13/2021 3:36:06 PM	63192
Ethylbenzene	ND	0.059		mg/Kg	1	10/13/2021 3:36:06 PM	63192
Xylenes, Total	ND	0.12		mg/Kg	1	10/13/2021 3:36:06 PM	63192
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	10/13/2021 3:36:06 PM	63192

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

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

Page 33 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-14

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 4:51:00 PM

Lab ID: 2110485-034

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	430	60		mg/Kg	20	10/12/2021 10:35:58 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/12/2021 10:52:59 AM	63206
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	10/12/2021 10:52:59 AM	63206
Surr: DNOP	87.5	70-130		%Rec	1	10/12/2021 10:52:59 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/13/2021 4:46:39 PM	63192
Surr: BFB	105	70-130		%Rec	1	10/13/2021 4:46:39 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/13/2021 4:46:39 PM	63192
Toluene	ND	0.049		mg/Kg	1	10/13/2021 4:46:39 PM	63192
Ethylbenzene	ND	0.049		mg/Kg	1	10/13/2021 4:46:39 PM	63192
Xylenes, Total	ND	0.098		mg/Kg	1	10/13/2021 4:46:39 PM	63192
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	10/13/2021 4:46:39 PM	63192

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

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

Page 34 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-15

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 5:02:00 PM

Lab ID: 2110485-035

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	86	60		mg/Kg	20	10/12/2021 10:48:23 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	13	D	mg/Kg	1	10/12/2021 11:04:54 AM	63206
Motor Oil Range Organics (MRO)	ND	63	D	mg/Kg	1	10/12/2021 11:04:54 AM	63206
Surr: DNOP	92.7	70-130	D	%Rec	1	10/12/2021 11:04:54 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	10/13/2021 5:10:01 PM	63192
Surr: BFB	104	70-130		%Rec	1	10/13/2021 5:10:01 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	10/13/2021 5:10:01 PM	63192
Toluene	ND	0.043		mg/Kg	1	10/13/2021 5:10:01 PM	63192
Ethylbenzene	ND	0.043		mg/Kg	1	10/13/2021 5:10:01 PM	63192
Xylenes, Total	ND	0.086		mg/Kg	1	10/13/2021 5:10:01 PM	63192
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	10/13/2021 5:10:01 PM	63192

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

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

Page 35 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-16

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 5:04:00 PM

Lab ID: 2110485-036

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/12/2021 11:00:48 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	10/12/2021 11:16:57 AM	63206
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/12/2021 11:16:57 AM	63206
Surr: DNOP	88.4	70-130		%Rec	1	10/12/2021 11:16:57 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/13/2021 5:33:28 PM	63192
Surr: BFB	102	70-130		%Rec	1	10/13/2021 5:33:28 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/13/2021 5:33:28 PM	63192
Toluene	ND	0.049		mg/Kg	1	10/13/2021 5:33:28 PM	63192
Ethylbenzene	ND	0.049		mg/Kg	1	10/13/2021 5:33:28 PM	63192
Xylenes, Total	ND	0.098		mg/Kg	1	10/13/2021 5:33:28 PM	63192
Surr: 4-Bromofluorobenzene	84.3	70-130		%Rec	1	10/13/2021 5:33:28 PM	63192

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

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

Page 36 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-17

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 5:06:00 PM

Lab ID: 2110485-037

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	95	60		mg/Kg	20	10/12/2021 11:13:13 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	170	17	D	mg/Kg	1	10/12/2021 11:28:57 AM	63206
Motor Oil Range Organics (MRO)	430	87	D	mg/Kg	1	10/12/2021 11:28:57 AM	63206
Surr: DNOP	93.1	70-130	D	%Rec	1	10/12/2021 11:28:57 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.2		mg/Kg	1	10/13/2021 5:57:02 PM	63192
Surr: BFB	103	70-130		%Rec	1	10/13/2021 5:57:02 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.026		mg/Kg	1	10/13/2021 5:57:02 PM	63192
Toluene	ND	0.052		mg/Kg	1	10/13/2021 5:57:02 PM	63192
Ethylbenzene	ND	0.052		mg/Kg	1	10/13/2021 5:57:02 PM	63192
Xylenes, Total	ND	0.10		mg/Kg	1	10/13/2021 5:57:02 PM	63192
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	10/13/2021 5:57:02 PM	63192

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

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

Page 37 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:01:00 PM

Lab ID: 2110485-038

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/12/2021 11:25:37 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	16	D	mg/Kg	1	10/12/2021 11:40:50 AM	63206
Motor Oil Range Organics (MRO)	ND	80	D	mg/Kg	1	10/12/2021 11:40:50 AM	63206
Surr: DNOP	95.4	70-130	D	%Rec	1	10/12/2021 11:40:50 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	10/13/2021 6:20:38 PM	63192
Surr: BFB	103	70-130		%Rec	1	10/13/2021 6:20:38 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/13/2021 6:20:38 PM	63192
Toluene	ND	0.051		mg/Kg	1	10/13/2021 6:20:38 PM	63192
Ethylbenzene	ND	0.051		mg/Kg	1	10/13/2021 6:20:38 PM	63192
Xylenes, Total	ND	0.10		mg/Kg	1	10/13/2021 6:20:38 PM	63192
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	10/13/2021 6:20:38 PM	63192

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

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

Page 38 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:02:00 PM

Lab ID: 2110485-039

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/12/2021 11:38:02 AM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	16	D	mg/Kg	1	10/12/2021 11:52:48 AM	63206
Motor Oil Range Organics (MRO)	ND	82	D	mg/Kg	1	10/12/2021 11:52:48 AM	63206
Surr: DNOP	90.9	70-130	D	%Rec	1	10/12/2021 11:52:48 AM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.4		mg/Kg	1	10/13/2021 6:44:17 PM	63192
Surr: BFB	103	70-130		%Rec	1	10/13/2021 6:44:17 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.027		mg/Kg	1	10/13/2021 6:44:17 PM	63192
Toluene	ND	0.054		mg/Kg	1	10/13/2021 6:44:17 PM	63192
Ethylbenzene	ND	0.054		mg/Kg	1	10/13/2021 6:44:17 PM	63192
Xylenes, Total	ND	0.11		mg/Kg	1	10/13/2021 6:44:17 PM	63192
Surr: 4-Bromofluorobenzene	84.3	70-130		%Rec	1	10/13/2021 6:44:17 PM	63192

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

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

Page 39 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-3

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:14:00 PM

Lab ID: 2110485-040

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/12/2021 12:15:16 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	62	D	mg/Kg	1	10/12/2021 12:04:43 PM	63206
Motor Oil Range Organics (MRO)	ND	310	D	mg/Kg	1	10/12/2021 12:04:43 PM	63206
Surr: DNOP	92.8	70-130	D	%Rec	1	10/12/2021 12:04:43 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.2		mg/Kg	1	10/13/2021 7:07:54 PM	63192
Surr: BFB	102	70-130		%Rec	1	10/13/2021 7:07:54 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.031		mg/Kg	1	10/13/2021 7:07:54 PM	63192
Toluene	ND	0.062		mg/Kg	1	10/13/2021 7:07:54 PM	63192
Ethylbenzene	ND	0.062		mg/Kg	1	10/13/2021 7:07:54 PM	63192
Xylenes, Total	ND	0.12		mg/Kg	1	10/13/2021 7:07:54 PM	63192
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	10/13/2021 7:07:54 PM	63192

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

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

Page 40 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-4

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:16:00 PM

Lab ID: 2110485-041

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	10/12/2021 12:27:41 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	11	D	mg/Kg	1	10/12/2021 12:16:39 PM	63206
Motor Oil Range Organics (MRO)	ND	56	D	mg/Kg	1	10/12/2021 12:16:39 PM	63206
Surr: DNOP	92.7	70-130	D	%Rec	1	10/12/2021 12:16:39 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.6		mg/Kg	1	10/13/2021 7:31:26 PM	63192
Surr: BFB	104	70-130		%Rec	1	10/13/2021 7:31:26 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.028		mg/Kg	1	10/13/2021 7:31:26 PM	63192
Toluene	ND	0.056		mg/Kg	1	10/13/2021 7:31:26 PM	63192
Ethylbenzene	ND	0.056		mg/Kg	1	10/13/2021 7:31:26 PM	63192
Xylenes, Total	ND	0.11		mg/Kg	1	10/13/2021 7:31:26 PM	63192
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	10/13/2021 7:31:26 PM	63192

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

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

Page 41 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-5

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:28:00 PM

Lab ID: 2110485-042

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/12/2021 12:40:05 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/12/2021 12:28:40 PM	63206
Motor Oil Range Organics (MRO)	ND	52		mg/Kg	1	10/12/2021 12:28:40 PM	63206
Surr: DNOP	93.0	70-130		%Rec	1	10/12/2021 12:28:40 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.3		mg/Kg	1	10/13/2021 7:54:56 PM	63192
Surr: BFB	103	70-130		%Rec	1	10/13/2021 7:54:56 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.027		mg/Kg	1	10/13/2021 7:54:56 PM	63192
Toluene	ND	0.053		mg/Kg	1	10/13/2021 7:54:56 PM	63192
Ethylbenzene	ND	0.053		mg/Kg	1	10/13/2021 7:54:56 PM	63192
Xylenes, Total	ND	0.11		mg/Kg	1	10/13/2021 7:54:56 PM	63192
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	10/13/2021 7:54:56 PM	63192

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

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

Page 42 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-6

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:29:00 PM

Lab ID: 2110485-043

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	10/12/2021 12:52:30 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	17	D	mg/Kg	1	10/12/2021 12:40:44 PM	63206
Motor Oil Range Organics (MRO)	ND	87	D	mg/Kg	1	10/12/2021 12:40:44 PM	63206
Surr: DNOP	95.7	70-130	D	%Rec	1	10/12/2021 12:40:44 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	10/13/2021 8:18:22 PM	63192
Surr: BFB	102	70-130		%Rec	1	10/13/2021 8:18:22 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	10/13/2021 8:18:22 PM	63192
Toluene	ND	0.044		mg/Kg	1	10/13/2021 8:18:22 PM	63192
Ethylbenzene	ND	0.044		mg/Kg	1	10/13/2021 8:18:22 PM	63192
Xylenes, Total	ND	0.088		mg/Kg	1	10/13/2021 8:18:22 PM	63192
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	10/13/2021 8:18:22 PM	63192

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

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

Page 43 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-7

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:37:00 PM

Lab ID: 2110485-044

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	380	60		mg/Kg	20	10/12/2021 1:04:55 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	600	15	D	mg/Kg	1	10/12/2021 12:52:40 PM	63206
Motor Oil Range Organics (MRO)	ND	76	D	mg/Kg	1	10/12/2021 12:52:40 PM	63206
Surr: DNOP	96.5	70-130	D	%Rec	1	10/12/2021 12:52:40 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	10/13/2021 11:02:55 PM	63192
Surr: BFB	97.7	70-130		%Rec	1	10/13/2021 11:02:55 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	10/13/2021 11:02:55 PM	63192
Toluene	ND	0.041		mg/Kg	1	10/13/2021 11:02:55 PM	63192
Ethylbenzene	ND	0.041		mg/Kg	1	10/13/2021 11:02:55 PM	63192
Xylenes, Total	ND	0.082		mg/Kg	1	10/13/2021 11:02:55 PM	63192
Surr: 4-Bromofluorobenzene	80.4	70-130		%Rec	1	10/13/2021 11:02:55 PM	63192

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

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

Page 44 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-8

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:39:00 PM

Lab ID: 2110485-045

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/12/2021 1:17:20 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	13	D	mg/Kg	1	10/12/2021 1:04:43 PM	63206
Motor Oil Range Organics (MRO)	ND	65	D	mg/Kg	1	10/12/2021 1:04:43 PM	63206
Surr: DNOP	91.8	70-130	D	%Rec	1	10/12/2021 1:04:43 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/13/2021 11:26:23 PM	63192
Surr: BFB	102	70-130		%Rec	1	10/13/2021 11:26:23 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/13/2021 11:26:23 PM	63192
Toluene	ND	0.047		mg/Kg	1	10/13/2021 11:26:23 PM	63192
Ethylbenzene	ND	0.047		mg/Kg	1	10/13/2021 11:26:23 PM	63192
Xylenes, Total	ND	0.094		mg/Kg	1	10/13/2021 11:26:23 PM	63192
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	10/13/2021 11:26:23 PM	63192

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

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

Page 45 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-9

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:49:00 PM

Lab ID: 2110485-046

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/12/2021 1:29:45 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/12/2021 1:16:40 PM	63206
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	10/12/2021 1:16:40 PM	63206
Surr: DNOP	91.3	70-130		%Rec	1	10/12/2021 1:16:40 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.8		mg/Kg	1	10/13/2021 11:49:46 PM	63192
Surr: BFB	102	70-130		%Rec	1	10/13/2021 11:49:46 PM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.029		mg/Kg	1	10/13/2021 11:49:46 PM	63192
Toluene	ND	0.058		mg/Kg	1	10/13/2021 11:49:46 PM	63192
Ethylbenzene	ND	0.058		mg/Kg	1	10/13/2021 11:49:46 PM	63192
Xylenes, Total	ND	0.12		mg/Kg	1	10/13/2021 11:49:46 PM	63192
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	10/13/2021 11:49:46 PM	63192

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

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

Page 46 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-10

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 2:51:00 PM

Lab ID: 2110485-047

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/12/2021 1:42:10 PM	63222
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	140	16	D	mg/Kg	1	10/12/2021 1:28:50 PM	63206
Motor Oil Range Organics (MRO)	260	80	D	mg/Kg	1	10/12/2021 1:28:50 PM	63206
Surr: DNOP	92.2	70-130	D	%Rec	1	10/12/2021 1:28:50 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	10/14/2021 12:13:13 AM	63192
Surr: BFB	101	70-130		%Rec	1	10/14/2021 12:13:13 AM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	10/14/2021 12:13:13 AM	63192
Toluene	ND	0.042		mg/Kg	1	10/14/2021 12:13:13 AM	63192
Ethylbenzene	ND	0.042		mg/Kg	1	10/14/2021 12:13:13 AM	63192
Xylenes, Total	ND	0.085		mg/Kg	1	10/14/2021 12:13:13 AM	63192
Surr: 4-Bromofluorobenzene	83.3	70-130		%Rec	1	10/14/2021 12:13:13 AM	63192

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

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

Page 47 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-11

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:00:00 PM

Lab ID: 2110485-048

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/13/2021 4:05:21 PM	63238
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	59	15	D	mg/Kg	1	10/12/2021 2:11:20 PM	63206
Motor Oil Range Organics (MRO)	89	76	D	mg/Kg	1	10/12/2021 2:11:20 PM	63206
Surr: DNOP	94.0	70-130	D	%Rec	1	10/12/2021 2:11:20 PM	63206
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	10/14/2021 12:36:42 AM	63192
Surr: BFB	101	70-130		%Rec	1	10/14/2021 12:36:42 AM	63192
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	10/14/2021 12:36:42 AM	63192
Toluene	ND	0.041		mg/Kg	1	10/14/2021 12:36:42 AM	63192
Ethylbenzene	ND	0.041		mg/Kg	1	10/14/2021 12:36:42 AM	63192
Xylenes, Total	ND	0.081		mg/Kg	1	10/14/2021 12:36:42 AM	63192
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	10/14/2021 12:36:42 AM	63192

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

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

Page 48 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-12

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:02:00 PM

Lab ID: 2110485-049

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/13/2021 4:17:45 PM	63238
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	23	D	mg/Kg	1	10/12/2021 3:36:54 PM	63207
Motor Oil Range Organics (MRO)	ND	110	D	mg/Kg	1	10/12/2021 3:36:54 PM	63207
Surr: DNOP	107	70-130	D	%Rec	1	10/12/2021 3:36:54 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	8.7		mg/Kg	1	10/14/2021 1:46:44 AM	63198
Surr: BFB	99.8	70-130		%Rec	1	10/14/2021 1:46:44 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.044		mg/Kg	1	10/14/2021 1:46:44 AM	63198
Toluene	ND	0.087		mg/Kg	1	10/14/2021 1:46:44 AM	63198
Ethylbenzene	ND	0.087		mg/Kg	1	10/14/2021 1:46:44 AM	63198
Xylenes, Total	ND	0.17		mg/Kg	1	10/14/2021 1:46:44 AM	63198
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	10/14/2021 1:46:44 AM	63198

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

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

Page 49 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-13

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:10:00 PM

Lab ID: 2110485-050

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	480	60		mg/Kg	20	10/13/2021 4:54:58 PM	63238
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	29	8.6		mg/Kg	1	10/12/2021 12:56:11 PM	63207
Motor Oil Range Organics (MRO)	72	43		mg/Kg	1	10/12/2021 12:56:11 PM	63207
Surr: DNOP	104	70-130		%Rec	1	10/12/2021 12:56:11 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/14/2021 2:56:44 AM	63198
Surr: BFB	98.3	70-130		%Rec	1	10/14/2021 2:56:44 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/14/2021 2:56:44 AM	63198
Toluene	ND	0.048		mg/Kg	1	10/14/2021 2:56:44 AM	63198
Ethylbenzene	ND	0.048		mg/Kg	1	10/14/2021 2:56:44 AM	63198
Xylenes, Total	ND	0.097		mg/Kg	1	10/14/2021 2:56:44 AM	63198
Surr: 4-Bromofluorobenzene	82.3	70-130		%Rec	1	10/14/2021 2:56:44 AM	63198

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

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

Page 50 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-14

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 3:13:00 PM

Lab ID: 2110485-051

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	10/14/2021 7:38:49 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	25	9.2		mg/Kg	1	10/12/2021 3:04:35 PM	63207
Motor Oil Range Organics (MRO)	86	46		mg/Kg	1	10/12/2021 3:04:35 PM	63207
Surr: DNOP	96.2	70-130		%Rec	1	10/12/2021 3:04:35 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/14/2021 4:06:25 AM	63198
Surr: BFB	97.3	70-130		%Rec	1	10/14/2021 4:06:25 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/14/2021 4:06:25 AM	63198
Toluene	ND	0.046		mg/Kg	1	10/14/2021 4:06:25 AM	63198
Ethylbenzene	ND	0.046		mg/Kg	1	10/14/2021 4:06:25 AM	63198
Xylenes, Total	ND	0.092		mg/Kg	1	10/14/2021 4:06:25 AM	63198
Surr: 4-Bromofluorobenzene	81.6	70-130		%Rec	1	10/14/2021 4:06:25 AM	63198

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

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

Page 51 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 12:42:00 PM

Lab ID: 2110485-052

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/14/2021 8:16:02 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	27	D	mg/Kg	1	10/12/2021 3:47:44 PM	63207
Motor Oil Range Organics (MRO)	ND	140	D	mg/Kg	1	10/12/2021 3:47:44 PM	63207
Surr: DNOP	108	70-130	D	%Rec	1	10/12/2021 3:47:44 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.2		mg/Kg	1	10/14/2021 4:29:38 AM	63198
Surr: BFB	96.8	70-130		%Rec	1	10/14/2021 4:29:38 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.026		mg/Kg	1	10/14/2021 4:29:38 AM	63198
Toluene	ND	0.052		mg/Kg	1	10/14/2021 4:29:38 AM	63198
Ethylbenzene	ND	0.052		mg/Kg	1	10/14/2021 4:29:38 AM	63198
Xylenes, Total	ND	0.10		mg/Kg	1	10/14/2021 4:29:38 AM	63198
Surr: 4-Bromofluorobenzene	80.2	70-130		%Rec	1	10/14/2021 4:29:38 AM	63198

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

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

Page 52 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 12:44:00 PM

Lab ID: 2110485-053

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	70	61		mg/Kg	20	10/14/2021 8:28:26 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	18	D	mg/Kg	1	10/12/2021 3:58:35 PM	63207
Motor Oil Range Organics (MRO)	ND	89	D	mg/Kg	1	10/12/2021 3:58:35 PM	63207
Surr: DNOP	105	70-130	D	%Rec	1	10/12/2021 3:58:35 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.4		mg/Kg	1	10/14/2021 5:02:00 AM	63198
Surr: BFB	92.5	70-130		%Rec	1	10/14/2021 5:02:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.027		mg/Kg	1	10/14/2021 9:02:10 AM	63198
Toluene	ND	0.054		mg/Kg	1	10/14/2021 9:02:10 AM	63198
Ethylbenzene	ND	0.054		mg/Kg	1	10/14/2021 9:02:10 AM	63198
Xylenes, Total	ND	0.11		mg/Kg	1	10/14/2021 9:02:10 AM	63198
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	10/14/2021 9:02:10 AM	63198

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

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

Page 53 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-3

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 12:54:00 PM

Lab ID: 2110485-054

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/14/2021 8:40:51 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	24	D	mg/Kg	1	10/12/2021 4:09:36 PM	63207
Motor Oil Range Organics (MRO)	ND	120	D	mg/Kg	1	10/12/2021 4:09:36 PM	63207
Surr: DNOP	107	70-130	D	%Rec	1	10/12/2021 4:09:36 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/14/2021 5:22:00 AM	63198
Surr: BFB	91.8	70-130		%Rec	1	10/14/2021 5:22:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/14/2021 9:25:24 AM	63198
Toluene	ND	0.047		mg/Kg	1	10/14/2021 9:25:24 AM	63198
Ethylbenzene	ND	0.047		mg/Kg	1	10/14/2021 9:25:24 AM	63198
Xylenes, Total	ND	0.094		mg/Kg	1	10/14/2021 9:25:24 AM	63198
Surr: 4-Bromofluorobenzene	82.4	70-130		%Rec	1	10/14/2021 9:25:24 AM	63198

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

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

Page 54 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-4

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 12:56:00 PM

Lab ID: 2110485-055

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	59		mg/Kg	20	10/14/2021 8:53:15 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	10/12/2021 4:20:36 PM	63207
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	10/12/2021 4:20:36 PM	63207
Surr: DNOP	103	70-130		%Rec	1	10/12/2021 4:20:36 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	10/14/2021 5:41:00 AM	63198
Surr: BFB	89.3	70-130		%Rec	1	10/14/2021 5:41:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	10/14/2021 9:48:51 AM	63198
Toluene	ND	0.043		mg/Kg	1	10/14/2021 9:48:51 AM	63198
Ethylbenzene	ND	0.043		mg/Kg	1	10/14/2021 9:48:51 AM	63198
Xylenes, Total	ND	0.085		mg/Kg	1	10/14/2021 9:48:51 AM	63198
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	10/14/2021 9:48:51 AM	63198

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

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

Page 55 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-5

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 1:01:00 PM

Lab ID: 2110485-056

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	710	60		mg/Kg	20	10/14/2021 9:05:40 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	22	D	mg/Kg	1	10/12/2021 4:31:35 PM	63207
Motor Oil Range Organics (MRO)	ND	110	D	mg/Kg	1	10/12/2021 4:31:35 PM	63207
Surr: DNOP	111	70-130	D	%Rec	1	10/12/2021 4:31:35 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	6.4		mg/Kg	1	10/14/2021 6:00:00 AM	63198
Surr: BFB	90.2	70-130		%Rec	1	10/14/2021 6:00:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.032		mg/Kg	1	10/14/2021 10:12:14 AM	63198
Toluene	ND	0.064		mg/Kg	1	10/14/2021 10:12:14 AM	63198
Ethylbenzene	ND	0.064		mg/Kg	1	10/14/2021 10:12:14 AM	63198
Xylenes, Total	ND	0.13		mg/Kg	1	10/14/2021 10:12:14 AM	63198
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	10/14/2021 10:12:14 AM	63198

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

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

Page 56 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-6

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 1:03:00 PM

Lab ID: 2110485-057

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	90	61		mg/Kg	20	10/14/2021 9:42:54 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/12/2021 4:42:35 PM	63207
Motor Oil Range Organics (MRO)	ND	68	D	mg/Kg	1	10/12/2021 4:42:35 PM	63207
Surr: DNOP	106	70-130	D	%Rec	1	10/12/2021 4:42:35 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/14/2021 6:20:00 AM	63198
Surr: BFB	90.9	70-130		%Rec	1	10/14/2021 6:20:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/14/2021 10:35:44 AM	63198
Toluene	ND	0.047		mg/Kg	1	10/14/2021 10:35:44 AM	63198
Ethylbenzene	ND	0.047		mg/Kg	1	10/14/2021 10:35:44 AM	63198
Xylenes, Total	ND	0.095		mg/Kg	1	10/14/2021 10:35:44 AM	63198
Surr: 4-Bromofluorobenzene	83.3	70-130		%Rec	1	10/14/2021 10:35:44 AM	63198

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

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

Page 57 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-7

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 1:12:00 PM

Lab ID: 2110485-058

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/14/2021 9:55:19 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	33	D	mg/Kg	1	10/12/2021 4:53:35 PM	63207
Motor Oil Range Organics (MRO)	ND	170	D	mg/Kg	1	10/12/2021 4:53:35 PM	63207
Surr: DNOP	108	70-130	D	%Rec	1	10/12/2021 4:53:35 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	6.8		mg/Kg	1	10/14/2021 6:39:00 AM	63198
Surr: BFB	93.2	70-130		%Rec	1	10/14/2021 6:39:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.034		mg/Kg	1	10/14/2021 10:59:20 AM	63198
Toluene	ND	0.068		mg/Kg	1	10/14/2021 10:59:20 AM	63198
Ethylbenzene	ND	0.068		mg/Kg	1	10/14/2021 10:59:20 AM	63198
Xylenes, Total	ND	0.14		mg/Kg	1	10/14/2021 10:59:20 AM	63198
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	10/14/2021 10:59:20 AM	63198

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

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

Page 58 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-8

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 12:14:00 PM

Lab ID: 2110485-059

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	10/14/2021 10:07:44 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	24	D	mg/Kg	1	10/12/2021 5:04:32 PM	63207
Motor Oil Range Organics (MRO)	ND	120	D	mg/Kg	1	10/12/2021 5:04:32 PM	63207
Surr: DNOP	110	70-130	D	%Rec	1	10/12/2021 5:04:32 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/14/2021 6:59:00 AM	63198
Surr: BFB	98.6	70-130		%Rec	1	10/14/2021 6:59:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/14/2021 11:22:57 AM	63198
Toluene	ND	0.046		mg/Kg	1	10/14/2021 11:22:57 AM	63198
Ethylbenzene	ND	0.046		mg/Kg	1	10/14/2021 11:22:57 AM	63198
Xylenes, Total	ND	0.091		mg/Kg	1	10/14/2021 11:22:57 AM	63198
Surr: 4-Bromofluorobenzene	83.2	70-130		%Rec	1	10/14/2021 11:22:57 AM	63198

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

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

Page 59 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-9

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 1:32:00 PM

Lab ID: 2110485-060

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/14/2021 10:20:09 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	18	D	mg/Kg	1	10/12/2021 5:15:29 PM	63207
Motor Oil Range Organics (MRO)	ND	88	D	mg/Kg	1	10/12/2021 5:15:29 PM	63207
Surr: DNOP	111	70-130	D	%Rec	1	10/12/2021 5:15:29 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/14/2021 7:19:00 AM	63198
Surr: BFB	97.5	70-130		%Rec	1	10/14/2021 7:19:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/14/2021 11:46:37 AM	63198
Toluene	ND	0.050		mg/Kg	1	10/14/2021 11:46:37 AM	63198
Ethylbenzene	ND	0.050		mg/Kg	1	10/14/2021 11:46:37 AM	63198
Xylenes, Total	ND	0.10		mg/Kg	1	10/14/2021 11:46:37 AM	63198
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	10/14/2021 11:46:37 AM	63198

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

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

Page 60 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-10

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 1:34:00 PM

Lab ID: 2110485-061

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	100	60		mg/Kg	20	10/14/2021 10:32:33 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	42	D	mg/Kg	1	10/12/2021 5:26:27 PM	63207
Motor Oil Range Organics (MRO)	ND	210	D	mg/Kg	1	10/12/2021 5:26:27 PM	63207
Surr: DNOP	112	70-130	D	%Rec	1	10/12/2021 5:26:27 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	6.6		mg/Kg	1	10/14/2021 7:38:00 AM	63198
Surr: BFB	92.2	70-130		%Rec	1	10/14/2021 7:38:00 AM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.033		mg/Kg	1	10/14/2021 12:10:01 PM	63198
Toluene	ND	0.066		mg/Kg	1	10/14/2021 12:10:01 PM	63198
Ethylbenzene	ND	0.066		mg/Kg	1	10/14/2021 12:10:01 PM	63198
Xylenes, Total	ND	0.13		mg/Kg	1	10/14/2021 12:10:01 PM	63198
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	10/14/2021 12:10:01 PM	63198

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

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

Page 61 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-11

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 1:23:00 PM

Lab ID: 2110485-062

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	93	60		mg/Kg	20	10/14/2021 10:44:58 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	18	D	mg/Kg	1	10/12/2021 5:37:21 PM	63207
Motor Oil Range Organics (MRO)	ND	91	D	mg/Kg	1	10/12/2021 5:37:21 PM	63207
Surr: DNOP	106	70-130	D	%Rec	1	10/12/2021 5:37:21 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	11		mg/Kg	1	10/14/2021 12:33:27 PM	63198
Surr: BFB	106	70-130		%Rec	1	10/14/2021 12:33:27 PM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.056		mg/Kg	1	10/14/2021 12:33:27 PM	63198
Toluene	ND	0.11		mg/Kg	1	10/14/2021 12:33:27 PM	63198
Ethylbenzene	ND	0.11		mg/Kg	1	10/14/2021 12:33:27 PM	63198
Xylenes, Total	ND	0.22		mg/Kg	1	10/14/2021 12:33:27 PM	63198
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	10/14/2021 12:33:27 PM	63198

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

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

Page 62 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-12

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 1:29:00 PM

Lab ID: 2110485-063

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	76	60		mg/Kg	20	10/14/2021 10:57:23 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	14	9.7		mg/Kg	1	10/12/2021 5:48:13 PM	63207
Motor Oil Range Organics (MRO)	62	48		mg/Kg	1	10/12/2021 5:48:13 PM	63207
Surr: DNOP	118	70-130		%Rec	1	10/12/2021 5:48:13 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/14/2021 1:43:48 PM	63198
Surr: BFB	104	70-130		%Rec	1	10/14/2021 1:43:48 PM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/14/2021 1:43:48 PM	63198
Toluene	ND	0.046		mg/Kg	1	10/14/2021 1:43:48 PM	63198
Ethylbenzene	ND	0.046		mg/Kg	1	10/14/2021 1:43:48 PM	63198
Xylenes, Total	ND	0.092		mg/Kg	1	10/14/2021 1:43:48 PM	63198
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	10/14/2021 1:43:48 PM	63198

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

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

Page 63 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:48:00 AM

Lab ID: 2110485-064

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	91	60		mg/Kg	20	10/14/2021 11:09:47 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/12/2021 5:59:05 PM	63207
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/12/2021 5:59:05 PM	63207
Surr: DNOP	108	70-130		%Rec	1	10/12/2021 5:59:05 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/14/2021 2:07:23 PM	63198
Surr: BFB	105	70-130		%Rec	1	10/14/2021 2:07:23 PM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/14/2021 2:07:23 PM	63198
Toluene	ND	0.048		mg/Kg	1	10/14/2021 2:07:23 PM	63198
Ethylbenzene	ND	0.048		mg/Kg	1	10/14/2021 2:07:23 PM	63198
Xylenes, Total	ND	0.097		mg/Kg	1	10/14/2021 2:07:23 PM	63198
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	10/14/2021 2:07:23 PM	63198

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

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

Page 64 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:50:00 AM

Lab ID: 2110485-065

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/14/2021 11:22:12 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	8.2		mg/Kg	1	10/12/2021 6:09:58 PM	63207
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	10/12/2021 6:09:58 PM	63207
Surr: DNOP	107	70-130		%Rec	1	10/12/2021 6:09:58 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	10/14/2021 2:31:08 PM	63198
Surr: BFB	104	70-130		%Rec	1	10/14/2021 2:31:08 PM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	10/14/2021 2:31:08 PM	63198
Toluene	ND	0.044		mg/Kg	1	10/14/2021 2:31:08 PM	63198
Ethylbenzene	ND	0.044		mg/Kg	1	10/14/2021 2:31:08 PM	63198
Xylenes, Total	ND	0.087		mg/Kg	1	10/14/2021 2:31:08 PM	63198
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	10/14/2021 2:31:08 PM	63198

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

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

Page 65 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-3

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:02:00 AM

Lab ID: 2110485-066

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/14/2021 11:34:37 AM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	21		mg/Kg	1	10/12/2021 6:20:48 PM	63207
Motor Oil Range Organics (MRO)	ND	110		mg/Kg	1	10/12/2021 6:20:48 PM	63207
Surr: DNOP	105	70-130		%Rec	1	10/12/2021 6:20:48 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	10/14/2021 2:54:55 PM	63198
Surr: BFB	104	70-130		%Rec	1	10/14/2021 2:54:55 PM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	10/14/2021 2:54:55 PM	63198
Toluene	ND	0.039		mg/Kg	1	10/14/2021 2:54:55 PM	63198
Ethylbenzene	ND	0.039		mg/Kg	1	10/14/2021 2:54:55 PM	63198
Xylenes, Total	ND	0.078		mg/Kg	1	10/14/2021 2:54:55 PM	63198
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	10/14/2021 2:54:55 PM	63198

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

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

Page 66 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-4

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:04:00 AM

Lab ID: 2110485-067

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/14/2021 12:11:53 PM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	18		mg/Kg	1	10/12/2021 6:31:37 PM	63207
Motor Oil Range Organics (MRO)	ND	90		mg/Kg	1	10/12/2021 6:31:37 PM	63207
Surr: DNOP	104	70-130		%Rec	1	10/12/2021 6:31:37 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.6		mg/Kg	1	10/14/2021 3:18:38 PM	63198
Surr: BFB	105	70-130		%Rec	1	10/14/2021 3:18:38 PM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.028		mg/Kg	1	10/14/2021 3:18:38 PM	63198
Toluene	ND	0.056		mg/Kg	1	10/14/2021 3:18:38 PM	63198
Ethylbenzene	ND	0.056		mg/Kg	1	10/14/2021 3:18:38 PM	63198
Xylenes, Total	ND	0.11		mg/Kg	1	10/14/2021 3:18:38 PM	63198
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	10/14/2021 3:18:38 PM	63198

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

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

Page 67 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-5

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:12:00 AM

Lab ID: 2110485-068

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/14/2021 12:24:18 PM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	12		mg/Kg	1	10/12/2021 6:42:26 PM	63207
Motor Oil Range Organics (MRO)	ND	59		mg/Kg	1	10/12/2021 6:42:26 PM	63207
Surr: DNOP	101	70-130		%Rec	1	10/12/2021 6:42:26 PM	63207
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.2		mg/Kg	1	10/14/2021 3:42:26 PM	63198
Surr: BFB	101	70-130		%Rec	1	10/14/2021 3:42:26 PM	63198
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.026		mg/Kg	1	10/14/2021 3:42:26 PM	63198
Toluene	ND	0.052		mg/Kg	1	10/14/2021 3:42:26 PM	63198
Ethylbenzene	ND	0.052		mg/Kg	1	10/14/2021 3:42:26 PM	63198
Xylenes, Total	ND	0.10		mg/Kg	1	10/14/2021 3:42:26 PM	63198
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	10/14/2021 3:42:26 PM	63198

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

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

Page 68 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-6

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:14:00 AM

Lab ID: 2110485-069

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/14/2021 12:36:42 PM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	23	9.9		mg/Kg	1	10/12/2021 1:06:53 PM	63213
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/12/2021 1:06:53 PM	63213
Surr: DNOP	96.5	70-130		%Rec	1	10/12/2021 1:06:53 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/14/2021 4:06:01 PM	63202
Surr: BFB	103	70-130		%Rec	1	10/14/2021 4:06:01 PM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/14/2021 4:06:01 PM	63202
Toluene	ND	0.047		mg/Kg	1	10/14/2021 4:06:01 PM	63202
Ethylbenzene	ND	0.047		mg/Kg	1	10/14/2021 4:06:01 PM	63202
Xylenes, Total	ND	0.093		mg/Kg	1	10/14/2021 4:06:01 PM	63202
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	10/14/2021 4:06:01 PM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-7

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:24:00 AM

Lab ID: 2110485-070

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	64	60		mg/Kg	20	10/14/2021 12:49:07 PM	63299
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	11	D	mg/Kg	1	10/12/2021 6:53:13 PM	63213
Motor Oil Range Organics (MRO)	ND	53	D	mg/Kg	1	10/12/2021 6:53:13 PM	63213
Surr: DNOP	109	70-130	D	%Rec	1	10/12/2021 6:53:13 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.1		mg/Kg	1	10/14/2021 5:16:24 PM	63202
Surr: BFB	103	70-130		%Rec	1	10/14/2021 5:16:24 PM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.030		mg/Kg	1	10/14/2021 5:16:24 PM	63202
Toluene	ND	0.061		mg/Kg	1	10/14/2021 5:16:24 PM	63202
Ethylbenzene	ND	0.061		mg/Kg	1	10/14/2021 5:16:24 PM	63202
Xylenes, Total	ND	0.12		mg/Kg	1	10/14/2021 5:16:24 PM	63202
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	10/14/2021 5:16:24 PM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-8

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:26:00 AM

Lab ID: 2110485-071

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/18/2021 3:07:56 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	18	D	mg/Kg	1	10/12/2021 7:03:59 PM	63213
Motor Oil Range Organics (MRO)	ND	88	D	mg/Kg	1	10/12/2021 7:03:59 PM	63213
Surr: DNOP	107	70-130	D	%Rec	1	10/12/2021 7:03:59 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/16/2021 2:41:03 AM	63202
Surr: BFB	105	70-130		%Rec	1	10/16/2021 2:41:03 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/16/2021 2:41:03 AM	63202
Toluene	ND	0.050		mg/Kg	1	10/16/2021 2:41:03 AM	63202
Ethylbenzene	ND	0.050		mg/Kg	1	10/16/2021 2:41:03 AM	63202
Xylenes, Total	ND	0.10		mg/Kg	1	10/16/2021 2:41:03 AM	63202
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	10/16/2021 2:41:03 AM	63202

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

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

Page 71 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-9

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:34:00 AM

Lab ID: 2110485-072

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	100	60		mg/Kg	20	10/18/2021 3:20:20 PM	63346
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/12/2021 7:14:44 PM	63213
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/12/2021 7:14:44 PM	63213
Surr: DNOP	107	70-130		%Rec	1	10/12/2021 7:14:44 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/16/2021 3:04:14 AM	63202
Surr: BFB	104	70-130		%Rec	1	10/16/2021 3:04:14 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.028		mg/Kg	1	10/16/2021 3:04:14 AM	63202
Toluene	ND	0.055		mg/Kg	1	10/16/2021 3:04:14 AM	63202
Ethylbenzene	ND	0.055		mg/Kg	1	10/16/2021 3:04:14 AM	63202
Xylenes, Total	ND	0.11		mg/Kg	1	10/16/2021 3:04:14 AM	63202
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	10/16/2021 3:04:14 AM	63202

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

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

Page 72 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-10

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 11:36:00 AM

Lab ID: 2110485-073

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	10/19/2021 10:48:41 AM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	20	D	mg/Kg	1	10/12/2021 7:25:27 PM	63213
Motor Oil Range Organics (MRO)	ND	100	D	mg/Kg	1	10/12/2021 7:25:27 PM	63213
Surr: DNOP	107	70-130	D	%Rec	1	10/12/2021 7:25:27 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	10/16/2021 4:13:40 AM	63202
Surr: BFB	104	70-130		%Rec	1	10/16/2021 4:13:40 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.022		mg/Kg	1	10/16/2021 4:13:40 AM	63202
Toluene	ND	0.045		mg/Kg	1	10/16/2021 4:13:40 AM	63202
Ethylbenzene	ND	0.045		mg/Kg	1	10/16/2021 4:13:40 AM	63202
Xylenes, Total	ND	0.090		mg/Kg	1	10/16/2021 4:13:40 AM	63202
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	10/16/2021 4:13:40 AM	63202

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

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

Page 73 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:47:00 AM

Lab ID: 2110485-074

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3200	150		mg/Kg	50	10/20/2021 7:00:19 AM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	56	10		mg/Kg	1	10/12/2021 1:17:36 PM	63213
Motor Oil Range Organics (MRO)	110	50		mg/Kg	1	10/12/2021 1:17:36 PM	63213
Surr: DNOP	97.0	70-130		%Rec	1	10/12/2021 1:17:36 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/16/2021 4:36:44 AM	63202
Surr: BFB	102	70-130		%Rec	1	10/16/2021 4:36:44 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/16/2021 4:36:44 AM	63202
Toluene	ND	0.049		mg/Kg	1	10/16/2021 4:36:44 AM	63202
Ethylbenzene	ND	0.049		mg/Kg	1	10/16/2021 4:36:44 AM	63202
Xylenes, Total	ND	0.098		mg/Kg	1	10/16/2021 4:36:44 AM	63202
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	10/16/2021 4:36:44 AM	63202

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

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

Page 74 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:00:00 AM

Lab ID: 2110485-075

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	87	60		mg/Kg	20	10/19/2021 11:13:31 AM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/12/2021 7:36:09 PM	63213
Motor Oil Range Organics (MRO)	ND	61	D	mg/Kg	1	10/12/2021 7:36:09 PM	63213
Surr: DNOP	101	70-130	D	%Rec	1	10/12/2021 7:36:09 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/16/2021 4:59:50 AM	63202
Surr: BFB	98.8	70-130		%Rec	1	10/16/2021 4:59:50 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/16/2021 4:59:50 AM	63202
Toluene	ND	0.049		mg/Kg	1	10/16/2021 4:59:50 AM	63202
Ethylbenzene	ND	0.049		mg/Kg	1	10/16/2021 4:59:50 AM	63202
Xylenes, Total	ND	0.098		mg/Kg	1	10/16/2021 4:59:50 AM	63202
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	10/16/2021 4:59:50 AM	63202

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

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

Page 75 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-3

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:52:00 AM

Lab ID: 2110485-076

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/19/2021 11:25:55 AM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/12/2021 7:57:28 PM	63213
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/12/2021 7:57:28 PM	63213
Surr: DNOP	111	70-130		%Rec	1	10/12/2021 7:57:28 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	10/16/2021 5:22:47 AM	63202
Surr: BFB	102	70-130		%Rec	1	10/16/2021 5:22:47 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/16/2021 5:22:47 AM	63202
Toluene	ND	0.051		mg/Kg	1	10/16/2021 5:22:47 AM	63202
Ethylbenzene	ND	0.051		mg/Kg	1	10/16/2021 5:22:47 AM	63202
Xylenes, Total	ND	0.10		mg/Kg	1	10/16/2021 5:22:47 AM	63202
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	10/16/2021 5:22:47 AM	63202

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

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

Page 76 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-4

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:55:00 AM

Lab ID: 2110485-077

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	420	59		mg/Kg	20	10/19/2021 11:38:19 AM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	41	9.6		mg/Kg	1	10/12/2021 8:08:08 PM	63213
Motor Oil Range Organics (MRO)	65	48		mg/Kg	1	10/12/2021 8:08:08 PM	63213
Surr: DNOP	92.0	70-130		%Rec	1	10/12/2021 8:08:08 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/16/2021 5:45:48 AM	63202
Surr: BFB	99.9	70-130		%Rec	1	10/16/2021 5:45:48 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/16/2021 5:45:48 AM	63202
Toluene	ND	0.049		mg/Kg	1	10/16/2021 5:45:48 AM	63202
Ethylbenzene	ND	0.049		mg/Kg	1	10/16/2021 5:45:48 AM	63202
Xylenes, Total	ND	0.098		mg/Kg	1	10/16/2021 5:45:48 AM	63202
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	10/16/2021 5:45:48 AM	63202

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

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

Page 77 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-5

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:06:00 AM

Lab ID: 2110485-078

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/19/2021 12:40:22 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	7.2		mg/Kg	1	10/12/2021 8:18:46 PM	63213
Motor Oil Range Organics (MRO)	ND	36		mg/Kg	1	10/12/2021 8:18:46 PM	63213
Surr: DNOP	102	70-130		%Rec	1	10/12/2021 8:18:46 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/16/2021 6:08:45 AM	63202
Surr: BFB	98.3	70-130		%Rec	1	10/16/2021 6:08:45 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/16/2021 6:08:45 AM	63202
Toluene	ND	0.046		mg/Kg	1	10/16/2021 6:08:45 AM	63202
Ethylbenzene	ND	0.046		mg/Kg	1	10/16/2021 6:08:45 AM	63202
Xylenes, Total	ND	0.092		mg/Kg	1	10/16/2021 6:08:45 AM	63202
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	10/16/2021 6:08:45 AM	63202

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

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

Page 78 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-6

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:07:00 AM

Lab ID: 2110485-079

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/19/2021 1:17:36 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	19	D	mg/Kg	1	10/12/2021 8:29:24 PM	63213
Motor Oil Range Organics (MRO)	ND	96	D	mg/Kg	1	10/12/2021 8:29:24 PM	63213
Surr: DNOP	109	70-130	D	%Rec	1	10/12/2021 8:29:24 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	7.2		mg/Kg	1	10/16/2021 6:31:42 AM	63202
Surr: BFB	101	70-130		%Rec	1	10/16/2021 6:31:42 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.036		mg/Kg	1	10/16/2021 6:31:42 AM	63202
Toluene	ND	0.072		mg/Kg	1	10/16/2021 6:31:42 AM	63202
Ethylbenzene	ND	0.072		mg/Kg	1	10/16/2021 6:31:42 AM	63202
Xylenes, Total	ND	0.14		mg/Kg	1	10/16/2021 6:31:42 AM	63202
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	10/16/2021 6:31:42 AM	63202

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

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

Page 79 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-7

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:17:00 AM

Lab ID: 2110485-080

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	96	59		mg/Kg	20	10/19/2021 1:30:01 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	22	D	mg/Kg	1	10/12/2021 8:40:04 PM	63213
Motor Oil Range Organics (MRO)	ND	110	D	mg/Kg	1	10/12/2021 8:40:04 PM	63213
Surr: DNOP	101	70-130	D	%Rec	1	10/12/2021 8:40:04 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	10/16/2021 6:54:40 AM	63202
Surr: BFB	95.7	70-130		%Rec	1	10/16/2021 6:54:40 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	10/16/2021 6:54:40 AM	63202
Toluene	ND	0.040		mg/Kg	1	10/16/2021 6:54:40 AM	63202
Ethylbenzene	ND	0.040		mg/Kg	1	10/16/2021 6:54:40 AM	63202
Xylenes, Total	ND	0.081		mg/Kg	1	10/16/2021 6:54:40 AM	63202
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	10/16/2021 6:54:40 AM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-8

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:19:00 AM

Lab ID: 2110485-081

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	77	59		mg/Kg	20	10/19/2021 1:42:26 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	17	D	mg/Kg	1	10/12/2021 8:50:43 PM	63213
Motor Oil Range Organics (MRO)	ND	83	D	mg/Kg	1	10/12/2021 8:50:43 PM	63213
Surr: DNOP	104	70-130	D	%Rec	1	10/12/2021 8:50:43 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	10/16/2021 7:17:37 AM	63202
Surr: BFB	97.7	70-130		%Rec	1	10/16/2021 7:17:37 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.026		mg/Kg	1	10/16/2021 7:17:37 AM	63202
Toluene	ND	0.051		mg/Kg	1	10/16/2021 7:17:37 AM	63202
Ethylbenzene	ND	0.051		mg/Kg	1	10/16/2021 7:17:37 AM	63202
Xylenes, Total	ND	0.10		mg/Kg	1	10/16/2021 7:17:37 AM	63202
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	10/16/2021 7:17:37 AM	63202

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

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

Page 81 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-9

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:22:00 AM

Lab ID: 2110485-082

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	290	60		mg/Kg	20	10/19/2021 1:54:51 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15	D	mg/Kg	1	10/12/2021 9:01:20 PM	63213
Motor Oil Range Organics (MRO)	ND	74	D	mg/Kg	1	10/12/2021 9:01:20 PM	63213
Surr: DNOP	102	70-130	D	%Rec	1	10/12/2021 9:01:20 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	6.1		mg/Kg	1	10/16/2021 7:40:34 AM	63202
Surr: BFB	98.3	70-130		%Rec	1	10/16/2021 7:40:34 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.030		mg/Kg	1	10/16/2021 7:40:34 AM	63202
Toluene	ND	0.061		mg/Kg	1	10/16/2021 7:40:34 AM	63202
Ethylbenzene	ND	0.061		mg/Kg	1	10/16/2021 7:40:34 AM	63202
Xylenes, Total	ND	0.12		mg/Kg	1	10/16/2021 7:40:34 AM	63202
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	10/16/2021 7:40:34 AM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-10

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 10:24:00 AM

Lab ID: 2110485-083

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	63	59		mg/Kg	20	10/19/2021 2:07:15 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/12/2021 9:11:58 PM	63213
Motor Oil Range Organics (MRO)	ND	68	D	mg/Kg	1	10/12/2021 9:11:58 PM	63213
Surr: DNOP	104	70-130	D	%Rec	1	10/12/2021 9:11:58 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/16/2021 8:49:21 AM	63202
Surr: BFB	98.8	70-130		%Rec	1	10/16/2021 8:49:21 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/16/2021 8:49:21 AM	63202
Toluene	ND	0.049		mg/Kg	1	10/16/2021 8:49:21 AM	63202
Ethylbenzene	ND	0.049		mg/Kg	1	10/16/2021 8:49:21 AM	63202
Xylenes, Total	ND	0.098		mg/Kg	1	10/16/2021 8:49:21 AM	63202
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	10/16/2021 8:49:21 AM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:54:00 AM

Lab ID: 2110485-084

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	270	59		mg/Kg	20	10/19/2021 2:19:39 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	10/12/2021 9:22:33 PM	63213
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	10/12/2021 9:22:33 PM	63213
Surr: DNOP	84.9	70-130		%Rec	1	10/12/2021 9:22:33 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/16/2021 9:12:25 AM	63202
Surr: BFB	98.5	70-130		%Rec	1	10/16/2021 9:12:25 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/16/2021 9:12:25 AM	63202
Toluene	ND	0.048		mg/Kg	1	10/16/2021 9:12:25 AM	63202
Ethylbenzene	ND	0.048		mg/Kg	1	10/16/2021 9:12:25 AM	63202
Xylenes, Total	ND	0.095		mg/Kg	1	10/16/2021 9:12:25 AM	63202
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	10/16/2021 9:12:25 AM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:08:00 AM

Lab ID: 2110485-085

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	10/19/2021 2:32:03 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	8.2		mg/Kg	1	10/12/2021 9:33:06 PM	63213
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	10/12/2021 9:33:06 PM	63213
Surr: DNOP	101	70-130		%Rec	1	10/12/2021 9:33:06 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	10/16/2021 9:35:29 AM	63202
Surr: BFB	96.5	70-130		%Rec	1	10/16/2021 9:35:29 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	10/16/2021 9:35:29 AM	63202
Toluene	ND	0.038		mg/Kg	1	10/16/2021 9:35:29 AM	63202
Ethylbenzene	ND	0.038		mg/Kg	1	10/16/2021 9:35:29 AM	63202
Xylenes, Total	ND	0.076		mg/Kg	1	10/16/2021 9:35:29 AM	63202
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	10/16/2021 9:35:29 AM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-3

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:10:00 AM

Lab ID: 2110485-086

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	150	60		mg/Kg	20	10/19/2021 3:09:17 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	9.9	6.1		mg/Kg	1	10/12/2021 9:43:41 PM	63213
Motor Oil Range Organics (MRO)	ND	31		mg/Kg	1	10/12/2021 9:43:41 PM	63213
Surr: DNOP	102	70-130		%Rec	1	10/12/2021 9:43:41 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/16/2021 9:58:51 AM	63202
Surr: BFB	98.4	70-130		%Rec	1	10/16/2021 9:58:51 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/16/2021 9:58:51 AM	63202
Toluene	ND	0.046		mg/Kg	1	10/16/2021 9:58:51 AM	63202
Ethylbenzene	ND	0.046		mg/Kg	1	10/16/2021 9:58:51 AM	63202
Xylenes, Total	ND	0.093		mg/Kg	1	10/16/2021 9:58:51 AM	63202
Surr: 4-Bromofluorobenzene	84.2	70-130		%Rec	1	10/16/2021 9:58:51 AM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-4

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:25:00 AM

Lab ID: 2110485-087

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/19/2021 3:21:41 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	21	D	mg/Kg	1	10/12/2021 9:54:16 PM	63213
Motor Oil Range Organics (MRO)	ND	110	D	mg/Kg	1	10/12/2021 9:54:16 PM	63213
Surr: DNOP	102	70-130	D	%Rec	1	10/12/2021 9:54:16 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.4		mg/Kg	1	10/16/2021 10:22:14 AM	63202
Surr: BFB	106	70-130		%Rec	1	10/16/2021 10:22:14 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.027		mg/Kg	1	10/16/2021 10:22:14 AM	63202
Toluene	ND	0.054		mg/Kg	1	10/16/2021 10:22:14 AM	63202
Ethylbenzene	ND	0.054		mg/Kg	1	10/16/2021 10:22:14 AM	63202
Xylenes, Total	ND	0.11		mg/Kg	1	10/16/2021 10:22:14 AM	63202
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	10/16/2021 10:22:14 AM	63202

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-5

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:27:00 AM

Lab ID: 2110485-088

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/19/2021 3:34:06 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	17	D	mg/Kg	1	10/12/2021 10:04:50 PM	63213
Motor Oil Range Organics (MRO)	ND	83	D	mg/Kg	1	10/12/2021 10:04:50 PM	63213
Surr: DNOP	103	70-130	D	%Rec	1	10/12/2021 10:04:50 PM	63213
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/16/2021 10:45:38 AM	63202
Surr: BFB	109	70-130		%Rec	1	10/16/2021 10:45:38 AM	63202
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/16/2021 10:45:38 AM	63202
Toluene	ND	0.047		mg/Kg	1	10/16/2021 10:45:38 AM	63202
Ethylbenzene	ND	0.047		mg/Kg	1	10/16/2021 10:45:38 AM	63202
Xylenes, Total	ND	0.093		mg/Kg	1	10/16/2021 10:45:38 AM	63202
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	10/16/2021 10:45:38 AM	63202

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

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

Page 88 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-6

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:32:00 AM

Lab ID: 2110485-089

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	59		mg/Kg	20	10/19/2021 3:46:31 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	22	D	mg/Kg	1	10/15/2021 6:18:36 AM	63287
Motor Oil Range Organics (MRO)	ND	110	D	mg/Kg	1	10/15/2021 6:18:36 AM	63287
Surr: DNOP	87.6	70-130	D	%Rec	1	10/15/2021 6:18:36 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/18/2021 1:54:00 PM	63266
Surr: BFB	108	70-130		%Rec	1	10/18/2021 1:54:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/18/2021 1:54:00 PM	63266
Toluene	ND	0.048		mg/Kg	1	10/18/2021 1:54:00 PM	63266
Ethylbenzene	ND	0.048		mg/Kg	1	10/18/2021 1:54:00 PM	63266
Xylenes, Total	ND	0.097		mg/Kg	1	10/18/2021 1:54:00 PM	63266
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	10/18/2021 1:54:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-7

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 9:36:00 AM

Lab ID: 2110485-090

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	210	60		mg/Kg	20	10/19/2021 3:58:56 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	36	D	mg/Kg	1	10/15/2021 6:29:08 AM	63287
Motor Oil Range Organics (MRO)	ND	180	D	mg/Kg	1	10/15/2021 6:29:08 AM	63287
Surr: DNOP	78.2	70-130	D	%Rec	1	10/15/2021 6:29:08 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/18/2021 2:14:00 PM	63266
Surr: BFB	100	70-130		%Rec	1	10/18/2021 2:14:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/18/2021 2:14:00 PM	63266
Toluene	ND	0.048		mg/Kg	1	10/18/2021 2:14:00 PM	63266
Ethylbenzene	ND	0.048		mg/Kg	1	10/18/2021 2:14:00 PM	63266
Xylenes, Total	ND	0.096		mg/Kg	1	10/18/2021 2:14:00 PM	63266
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	10/18/2021 2:14:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:15:00 AM

Lab ID: 2110485-091

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	10/19/2021 4:11:21 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.4		mg/Kg	1	10/15/2021 6:39:40 AM	63287
Motor Oil Range Organics (MRO)	ND	32		mg/Kg	1	10/15/2021 6:39:40 AM	63287
Surr: DNOP	91.9	70-130		%Rec	1	10/15/2021 6:39:40 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/18/2021 3:13:00 PM	63266
Surr: BFB	97.7	70-130		%Rec	1	10/18/2021 3:13:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/18/2021 3:13:00 PM	63266
Toluene	ND	0.049		mg/Kg	1	10/18/2021 3:13:00 PM	63266
Ethylbenzene	ND	0.049		mg/Kg	1	10/18/2021 3:13:00 PM	63266
Xylenes, Total	ND	0.099		mg/Kg	1	10/18/2021 3:13:00 PM	63266
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	10/18/2021 3:13:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:25:00 AM

Lab ID: 2110485-092

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	10/19/2021 4:23:46 PM	63389
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/15/2021 6:50:09 AM	63287
Motor Oil Range Organics (MRO)	ND	61	D	mg/Kg	1	10/15/2021 6:50:09 AM	63287
Surr: DNOP	88.8	70-130	D	%Rec	1	10/15/2021 6:50:09 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/18/2021 3:32:00 PM	63266
Surr: BFB	100	70-130		%Rec	1	10/18/2021 3:32:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/18/2021 3:32:00 PM	63266
Toluene	ND	0.049		mg/Kg	1	10/18/2021 3:32:00 PM	63266
Ethylbenzene	ND	0.049		mg/Kg	1	10/18/2021 3:32:00 PM	63266
Xylenes, Total	ND	0.098		mg/Kg	1	10/18/2021 3:32:00 PM	63266
Surr: 4-Bromofluorobenzene	81.3	70-130		%Rec	1	10/18/2021 3:32:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-3

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:34:00 AM

Lab ID: 2110485-093

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/19/2021 7:15:31 PM	63387
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15	D	mg/Kg	1	10/15/2021 7:00:34 AM	63287
Motor Oil Range Organics (MRO)	ND	77	D	mg/Kg	1	10/15/2021 7:00:34 AM	63287
Surr: DNOP	91.2	70-130	D	%Rec	1	10/15/2021 7:00:34 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/18/2021 3:52:00 PM	63266
Surr: BFB	97.3	70-130		%Rec	1	10/18/2021 3:52:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/18/2021 3:52:00 PM	63266
Toluene	ND	0.050		mg/Kg	1	10/18/2021 3:52:00 PM	63266
Ethylbenzene	ND	0.050		mg/Kg	1	10/18/2021 3:52:00 PM	63266
Xylenes, Total	ND	0.10		mg/Kg	1	10/18/2021 3:52:00 PM	63266
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	10/18/2021 3:52:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-4

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:45:00 AM

Lab ID: 2110485-094

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/19/2021 7:27:55 PM	63387
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	17	D	mg/Kg	1	10/15/2021 7:10:59 AM	63287
Motor Oil Range Organics (MRO)	ND	86	D	mg/Kg	1	10/15/2021 7:10:59 AM	63287
Surr: DNOP	91.1	70-130	D	%Rec	1	10/15/2021 7:10:59 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/18/2021 4:12:00 PM	63266
Surr: BFB	100	70-130		%Rec	1	10/18/2021 4:12:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/18/2021 4:12:00 PM	63266
Toluene	ND	0.050		mg/Kg	1	10/18/2021 4:12:00 PM	63266
Ethylbenzene	ND	0.050		mg/Kg	1	10/18/2021 4:12:00 PM	63266
Xylenes, Total	ND	0.099		mg/Kg	1	10/18/2021 4:12:00 PM	63266
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	10/18/2021 4:12:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-5

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:46:00 AM

Lab ID: 2110485-095

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	91	60		mg/Kg	20	10/19/2021 7:40:19 PM	63387
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.5		mg/Kg	1	10/15/2021 7:21:24 AM	63287
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	10/15/2021 7:21:24 AM	63287
Surr: DNOP	89.9	70-130		%Rec	1	10/15/2021 7:21:24 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/18/2021 4:31:00 PM	63266
Surr: BFB	103	70-130		%Rec	1	10/18/2021 4:31:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/18/2021 4:31:00 PM	63266
Toluene	ND	0.050		mg/Kg	1	10/18/2021 4:31:00 PM	63266
Ethylbenzene	ND	0.050		mg/Kg	1	10/18/2021 4:31:00 PM	63266
Xylenes, Total	ND	0.10		mg/Kg	1	10/18/2021 4:31:00 PM	63266
Surr: 4-Bromofluorobenzene	81.5	70-130		%Rec	1	10/18/2021 4:31:00 PM	63266

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

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

Page 95 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-6

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:58:00 AM

Lab ID: 2110485-096

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	800	60		mg/Kg	20	10/19/2021 7:52:44 PM	63387
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/15/2021 7:31:50 AM	63287
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/15/2021 7:31:50 AM	63287
Surr: DNOP	69.9	70-130	S	%Rec	1	10/15/2021 7:31:50 AM	63287
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/18/2021 4:51:00 PM	63266
Surr: BFB	100	70-130		%Rec	1	10/18/2021 4:51:00 PM	63266
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/18/2021 4:51:00 PM	63266
Toluene	ND	0.048		mg/Kg	1	10/18/2021 4:51:00 PM	63266
Ethylbenzene	ND	0.048		mg/Kg	1	10/18/2021 4:51:00 PM	63266
Xylenes, Total	ND	0.097		mg/Kg	1	10/18/2021 4:51:00 PM	63266
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	10/18/2021 4:51:00 PM	63266

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

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

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-J-1

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 8:00:00 AM

Lab ID: 2110485-097

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/18/2021 9:44:55 PM	63351
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	19	D	mg/Kg	1	10/15/2021 7:19:35 PM	63319
Motor Oil Range Organics (MRO)	ND	97	D	mg/Kg	1	10/15/2021 7:19:35 PM	63319
Surr: DNOP	115	70-130	D	%Rec	1	10/15/2021 7:19:35 PM	63319
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/18/2021 11:15:47 AM	63285
Surr: BFB	111	70-130		%Rec	1	10/18/2021 11:15:47 AM	63285
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.028		mg/Kg	1	10/18/2021 11:15:47 AM	63285
Toluene	ND	0.055		mg/Kg	1	10/18/2021 11:15:47 AM	63285
Ethylbenzene	ND	0.055		mg/Kg	1	10/18/2021 11:15:47 AM	63285
Xylenes, Total	ND	0.11		mg/Kg	1	10/18/2021 11:15:47 AM	63285
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	10/18/2021 11:15:47 AM	63285

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

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

Page 97 of 113

Analytical Report

Lab Order 2110485

Date Reported: 10/26/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-J-2

Project: Donahue Federal SWD 1

Collection Date: 10/6/2021 7:52:00 AM

Lab ID: 2110485-098

Matrix: SOIL

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	10/18/2021 9:57:20 PM	63351
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/15/2021 7:30:20 PM	63319
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/15/2021 7:30:20 PM	63319
Surr: DNOP	111	70-130		%Rec	1	10/15/2021 7:30:20 PM	63319
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/18/2021 11:39:10 AM	63285
Surr: BFB	111	70-130		%Rec	1	10/18/2021 11:39:10 AM	63285
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/18/2021 11:39:10 AM	63285
Toluene	ND	0.049		mg/Kg	1	10/18/2021 11:39:10 AM	63285
Ethylbenzene	ND	0.049		mg/Kg	1	10/18/2021 11:39:10 AM	63285
Xylenes, Total	ND	0.098		mg/Kg	1	10/18/2021 11:39:10 AM	63285
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	10/18/2021 11:39:10 AM	63285

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-63222	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63222	RunNo: 81958								
Prep Date: 10/12/2021	Analysis Date: 10/12/2021	SeqNo: 2903221	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: MB-63238	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63238	RunNo: 81995								
Prep Date: 10/12/2021	Analysis Date: 10/13/2021	SeqNo: 2904599	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63238	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63238	RunNo: 81995								
Prep Date: 10/12/2021	Analysis Date: 10/13/2021	SeqNo: 2904600	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	90	110			

Sample ID: MB-63299	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63299	RunNo: 82066								
Prep Date: 10/14/2021	Analysis Date: 10/14/2021	SeqNo: 2906319	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63299	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63299	RunNo: 82066								
Prep Date: 10/14/2021	Analysis Date: 10/14/2021	SeqNo: 2906320	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.9	90	110			

Sample ID: MB-63331	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63331	RunNo: 82069								
Prep Date: 10/15/2021	Analysis Date: 10/15/2021	SeqNo: 2908256	Units: mg/Kg							
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
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

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

WO#: 2110485

26-Oct-21

Client: EOG
Project: Donahue Federal SWD 1

Sample ID: LCS-63331	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 63331			RunNo: 82069						
Prep Date: 10/15/2021	Analysis Date: 10/15/2021			SeqNo: 2908257		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	90	110			

Sample ID: MB-63331	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 63331			RunNo: 82117						
Prep Date: 10/15/2021	Analysis Date: 10/18/2021			SeqNo: 2909805		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63331	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 63331			RunNo: 82117						
Prep Date: 10/15/2021	Analysis Date: 10/18/2021			SeqNo: 2909806		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

Sample ID: MB-63346	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 63346			RunNo: 82117						
Prep Date: 10/18/2021	Analysis Date: 10/18/2021			SeqNo: 2909812		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63346	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 63346			RunNo: 82117						
Prep Date: 10/18/2021	Analysis Date: 10/18/2021			SeqNo: 2909813		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.4	90	110			

Sample ID: MB-63351	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 63351			RunNo: 82117						
Prep Date: 10/18/2021	Analysis Date: 10/18/2021			SeqNo: 2909845		Units: mg/Kg				
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
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-63351	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 63351			RunNo: 82117						
Prep Date: 10/18/2021	Analysis Date: 10/18/2021			SeqNo: 2909846		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.8	90	110			

Sample ID: MB-63389	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 63389			RunNo: 82176						
Prep Date: 10/19/2021	Analysis Date: 10/19/2021			SeqNo: 2911580		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63389	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 63389			RunNo: 82176						
Prep Date: 10/19/2021	Analysis Date: 10/19/2021			SeqNo: 2911581		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: MB-63387	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 63387			RunNo: 82148						
Prep Date: 10/19/2021	Analysis Date: 10/19/2021			SeqNo: 2911727		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63387	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 63387			RunNo: 82148						
Prep Date: 10/19/2021	Analysis Date: 10/19/2021			SeqNo: 2911728		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.1	90	110			

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-63207	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63207	RunNo: 81979								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902478 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		99.9	70	130			

Sample ID: MB-63213	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63213	RunNo: 81979								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902479 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	70	130			

Sample ID: MB-63215	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63215	RunNo: 81979								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902480 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		112	70	130			

Sample ID: LCS-63207	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63207	RunNo: 81979								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902486 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.5	68.9	135			
Surr: DNOP	5.3		5.000		106	70	130			

Sample ID: LCS-63213	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63213	RunNo: 81979								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902489 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	68.9	135			
Surr: DNOP	5.4		5.000		109	70	130			

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-63215	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63215				RunNo: 81979					
Prep Date: 10/11/2021	Analysis Date: 10/12/2021				SeqNo: 2902492	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	6.5		5.000		129	70	130			

Sample ID: MB-63206	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 63206				RunNo: 81990					
Prep Date: 10/11/2021	Analysis Date: 10/12/2021				SeqNo: 2903044	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		85.5	70	130			

Sample ID: LCS-63206	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63206				RunNo: 81990					
Prep Date: 10/11/2021	Analysis Date: 10/12/2021				SeqNo: 2903045	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.0	68.9	135			
Surr: DNOP	4.6		5.000		92.6	70	130			

Sample ID: LCS-63270	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63270				RunNo: 82009					
Prep Date: 10/13/2021	Analysis Date: 10/14/2021				SeqNo: 2906045	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	103	68.9	135			
Surr: DNOP	5.5		5.000		110	70	130			

Sample ID: MB-63270	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 63270				RunNo: 82009					
Prep Date: 10/13/2021	Analysis Date: 10/14/2021				SeqNo: 2906047	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		96.6	70	130			

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-63287	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 63287			RunNo: 82009						
Prep Date: 10/13/2021	Analysis Date: 10/15/2021			SeqNo: 2906715		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	135			
Surr: DNOP	4.8		5.000		95.1	70	130			

Sample ID: LCSD-63287	SampType: LCSD			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS02	Batch ID: 63287			RunNo: 82009						
Prep Date: 10/13/2021	Analysis Date: 10/15/2021			SeqNo: 2906717		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	106	68.9	135	1.96	20	
Surr: DNOP	5.1		5.000		102	70	130	0	0	

Sample ID: MB-63271	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63271			RunNo: 82009						
Prep Date: 10/13/2021	Analysis Date: 10/14/2021			SeqNo: 2906719		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		105	70	130			

Sample ID: MB-63287	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63287			RunNo: 82009						
Prep Date: 10/13/2021	Analysis Date: 10/15/2021			SeqNo: 2906724		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		89.6	70	130			

Sample ID: LCS-63271	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 63271			RunNo: 82083						
Prep Date: 10/13/2021	Analysis Date: 10/15/2021			SeqNo: 2907748		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	10	50.00	0	118	68.9	135			
Surr: DNOP	6.0		5.000		120	70	130			

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-63319	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 63319			RunNo: 82083						
Prep Date: 10/14/2021	Analysis Date: 10/15/2021			SeqNo: 2909090		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.8	68.9	135			
Surr: DNOP	5.8		5.000		115	70	130			

Sample ID: MB-63319	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63319			RunNo: 82083						
Prep Date: 10/14/2021	Analysis Date: 10/15/2021			SeqNo: 2909091		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		119	70	130			

Sample ID: LCS-63462	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 63462			RunNo: 82270						
Prep Date: 10/21/2021	Analysis Date: 10/22/2021			SeqNo: 2916719		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	68.9	135			
Surr: DNOP	6.4		5.000		127	70	130			

Sample ID: MB-63462	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63462			RunNo: 82270						
Prep Date: 10/21/2021	Analysis Date: 10/22/2021			SeqNo: 2916721		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		123	70	130			

Sample ID: LCS-63485	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 63485			RunNo: 82270						
Prep Date: 10/22/2021	Analysis Date: 10/22/2021			SeqNo: 2917006		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000		89.2	70	130			

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG
Project: Donahue Federal SWD 1

Sample ID: LCS-63486	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 63486		RunNo: 82270							
Prep Date: 10/22/2021	Analysis Date: 10/23/2021		SeqNo: 2917007		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.0		5.000		79.8	70	130			

Sample ID: MB-63485	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 63485		RunNo: 82270							
Prep Date: 10/22/2021	Analysis Date: 10/22/2021		SeqNo: 2917008		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.5		10.00		75.5	70	130			

Sample ID: MB-63486	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 63486		RunNo: 82270							
Prep Date: 10/22/2021	Analysis Date: 10/23/2021		SeqNo: 2917009		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.4		10.00		83.9	70	130			

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-63212	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63212			RunNo: 81976						
Prep Date: 10/11/2021	Analysis Date: 10/12/2021			SeqNo: 2902815	Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	940		1000		94.3	70	130			

Sample ID: lcs-63212	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63212			RunNo: 81976						
Prep Date: 10/11/2021	Analysis Date: 10/12/2021			SeqNo: 2902816	Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	70	130			

Sample ID: mb-63192	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63192			RunNo: 81976						
Prep Date: 10/11/2021	Analysis Date: 10/13/2021			SeqNo: 2902840	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		91.4	70	130			

Sample ID: lcs-63192	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63192			RunNo: 81976						
Prep Date: 10/11/2021	Analysis Date: 10/13/2021			SeqNo: 2902841	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	5.0	25.00	0	121	78.6	131			
Surr: BFB	1400		1000		137	70	130			S

Sample ID: mb-63198	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63198			RunNo: 82011						
Prep Date: 10/11/2021	Analysis Date: 10/14/2021			SeqNo: 2904449	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		95.9	70	130			

Sample ID: lcs-63198	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63198			RunNo: 82011						
Prep Date: 10/11/2021	Analysis Date: 10/14/2021			SeqNo: 2904450	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Qualifiers:

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

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

Page 107 of 113

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-63202	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63202			RunNo: 82062						
Prep Date: 10/11/2021	Analysis Date: 10/14/2021			SeqNo: 2906172		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	70	130			

Sample ID: lcs-63202	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63202			RunNo: 82062						
Prep Date: 10/11/2021	Analysis Date: 10/14/2021			SeqNo: 2906173		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	111	78.6	131			
Surr: BFB	1100		1000		110	70	130			

Sample ID: mb-63285	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63285			RunNo: 82119						
Prep Date: 10/13/2021	Analysis Date: 10/19/2021			SeqNo: 2909641		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	70	130			

Sample ID: lcs-63285	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63285			RunNo: 82119						
Prep Date: 10/13/2021	Analysis Date: 10/18/2021			SeqNo: 2909642		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	115	78.6	131			
Surr: BFB	1200		1000		125	70	130			

Sample ID: mb-63266	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63266			RunNo: 82140						
Prep Date: 10/13/2021	Analysis Date: 10/18/2021			SeqNo: 2910075		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		105	70	130			

Sample ID: mb-63259	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63259			RunNo: 82140						
Prep Date: 10/13/2021	Analysis Date: 10/19/2021			SeqNo: 2910076		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

Page 108 of 113

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-63259	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63259	RunNo: 82140								
Prep Date: 10/13/2021	Analysis Date: 10/19/2021	SeqNo: 2910076 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: lcs-63266	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63266	RunNo: 82140								
Prep Date: 10/13/2021	Analysis Date: 10/18/2021	SeqNo: 2910081 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	117	78.6	131			
Surr: BFB	1300		1000		125	70	130			

Sample ID: lcs-63259	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63259	RunNo: 82140								
Prep Date: 10/13/2021	Analysis Date: 10/19/2021	SeqNo: 2910082 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	100	78.6	131			
Surr: BFB	1100		1000		114	70	130			

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-63212	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 63212				RunNo: 81976					
Prep Date: 10/11/2021	Analysis Date: 10/12/2021				SeqNo: 2902862	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.85		1.000		84.5	70	130			

Sample ID: LCS-63212	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 63212				RunNo: 81976					
Prep Date: 10/11/2021	Analysis Date: 10/12/2021				SeqNo: 2902863	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.88		1.000		88.0	70	130			

Sample ID: mb-63192	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 63192				RunNo: 81976					
Prep Date: 10/11/2021	Analysis Date: 10/13/2021				SeqNo: 2902888	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.83		1.000		82.6	70	130			

Sample ID: LCS-63192	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 63192				RunNo: 81976					
Prep Date: 10/11/2021	Analysis Date: 10/13/2021				SeqNo: 2902889	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.0	80	120			
Toluene	0.94	0.050	1.000	0	93.8	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.7	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		86.8	70	130			

Sample ID: mb-63198	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 63198				RunNo: 82011					
Prep Date: 10/11/2021	Analysis Date: 10/14/2021				SeqNo: 2904578	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								

Qualifiers:

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

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

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-63198	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 63198				RunNo: 82011					
Prep Date: 10/11/2021	Analysis Date: 10/14/2021				SeqNo: 2904578	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.80		1.000		80.0	70	130			

Sample ID: LCS-63198	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 63198				RunNo: 82011					
Prep Date: 10/11/2021	Analysis Date: 10/14/2021				SeqNo: 2904579	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.3	80	120			
Toluene	0.96	0.050	1.000	0	96.3	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.2	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		82.8	70	130			

Sample ID: mb-63202	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 63202				RunNo: 82062					
Prep Date: 10/11/2021	Analysis Date: 10/14/2021				SeqNo: 2906266	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		85.0	70	130			

Sample ID: LCS-63202	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 63202				RunNo: 82062					
Prep Date: 10/11/2021	Analysis Date: 10/14/2021				SeqNo: 2906267	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.2	80	120			
Toluene	0.95	0.050	1.000	0	95.2	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.8	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		83.8	70	130			

Sample ID: mb-63285	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 63285				RunNo: 82119					
Prep Date: 10/13/2021	Analysis Date: 10/19/2021				SeqNo: 2909690	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

Page 111 of 113

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110485

26-Oct-21

Client: EOG

Project: Donahue Federal SWD 1

Sample ID: mb-63285	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63285	RunNo: 82119								
Prep Date: 10/13/2021	Analysis Date: 10/19/2021	SeqNo: 2909690 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.8	70	130			

Sample ID: LCS-63285	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63285	RunNo: 82119								
Prep Date: 10/13/2021	Analysis Date: 10/18/2021	SeqNo: 2909691 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.9	80	120			
Toluene	0.98	0.050	1.000	0	98.2	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.3	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.2	70	130			

Sample ID: mb-63266	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63266	RunNo: 82140								
Prep Date: 10/13/2021	Analysis Date: 10/18/2021	SeqNo: 2910130 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.7	70	130			

Sample ID: mb-63259	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63259	RunNo: 82140								
Prep Date: 10/13/2021	Analysis Date: 10/19/2021	SeqNo: 2910131 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		85.2	70	130			

Qualifiers:

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

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

Page 112 of 113

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

WO#: 2110485

26-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

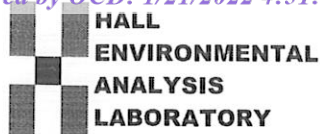
Sample ID: lcs-63266	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 63266			RunNo: 82140						
Prep Date: 10/13/2021	Analysis Date: 10/18/2021			SeqNo: 2910133		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.3	80	120			
Toluene	0.88	0.050	1.000	0	88.1	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.8	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.4	70	130			

Sample ID: lcs-63259	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 63259			RunNo: 82140						
Prep Date: 10/13/2021	Analysis Date: 10/19/2021			SeqNo: 2910134		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.1	80	120			
Toluene	0.90	0.050	1.000	0	90.2	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.8	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.1	70	130			

Qualifiers:

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

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2110485

RcptNo: 1

Received By: Cheyenne Cason

10/8/2021 7:35:00 AM

Completed By: Isaiah Ortiz

10/8/2021 9:17:38 AM

Reviewed By: TME

10/8/21 12:32

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: JR / JT 10.8.21

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.5	Good	Not Present			
2	1.5	Good	Not Present			

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:

☒ Standard
 ☐ Rush

Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: R.M / W.K

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF): 32.5 first page

HEAL No. 21100185

Container Type and #

Preservative Type

Ice

Ice

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Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:

☒ Standard
 ☐ Rush

Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: RM/WLK.

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF): See first page

Container Type and #

Preservative Type

HEAL No.

2110485

1 x 4oz Jar

Ice

037

038

1 x 4oz Jar

Ice

039

040

1 x 4oz Jar

Ice

041

042

1 x 4oz Jar

Ice

043

0454

1 x 4oz Jar

Ice

0465

0476

1 x 4oz Jar

Ice

0487

0498

1 x 4oz Jar

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Chain-of-Custody Record				Turn-Around Time:		
Client: EOG-Artesia / Ranger Env.				☒ Standard ☐ Rush Project Name: Donahue Federal SWD #1		
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210				Project #: 5375		
Ranger: PO Box 201179, Austin TX 78720				Project Manager: W. Kierdorf		
Phone #: 521-335-1785						
email or Fax#: Will@RangerEnv.com						
QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)				Sampler: <i>R.M. / W.K.</i>		
Accreditation: ☐ Az Compliance				On Ice: ☒ Yes ☐ No		
☒ NELAC ☐ Other _____				# of Coolers: <i>2</i>		
☒ EDD (Type) Excel				Cooler Temp (including CF): <i>see first page</i>		
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
<i>10/6/21</i>	<i>1502</i>	Soil	P-D-12	1 x 4oz Jar	Ice	<i>2110485</i>
	<i>1510</i>	Soil	P-D-13	1 x 4oz Jar	Ice	<i>049</i>
	<i>1513</i>	Soil	P-D-14	1 x 4oz Jar	Ice	<i>050</i>
	<i>1243</i>	Soil	P-E-1	1 x 4oz Jar	Ice	<i>051</i>
	<i>1244</i>	Soil	P-E-2	1 x 4oz Jar	Ice	<i>052</i>
	<i>1254</i>	Soil	P-E-3	1 x 4oz Jar	Ice	<i>053</i>
	<i>1256</i>	Soil	P-E-4	1 x 4oz Jar	Ice	<i>054</i>
	<i>1301</i>	Soil	P-E-5	1 x 4oz Jar	Ice	<i>055</i>
	<i>1303</i>	Soil	P-E-6	1 x 4oz Jar	Ice	<i>056</i>
	<i>1312</i>	Soil	P-E-7	1 x 4oz Jar	Ice	<i>057</i>
	<i>1314</i>	Soil	P-E-8	1 x 4oz Jar	Ice	<i>058</i>
		Soil	P-E-9	1 x 4oz Jar	Ice	<i>059</i>
Date:	Time:	Relinquished by:		Via:	Date	Time
<i>10/17/21</i>	<i>1153</i>	<i>Robert Minter</i>			<i>10/17/21</i>	<i>1153</i>
Date:	Time:	Relinquished by:		Via:	Date	Time
<i>10/17/21</i>	<i>1900</i>	<i>C. Carr</i>			<i>10/18/21</i>	<i>0735</i>

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

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:

☒ Standard
 ☐ Rush

Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: RM. / W.K.

On Ice: ☒ Yes ☐ No

of Coolers: 7

Cooler Temp (including CF): See first page

Container Type and #

Preservative Type

HEAL No. 2110485

1 x 4oz Jar

Ice

1 x 4oz Jar

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Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type) ☐ Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: R.M. / W.K.

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF):

Container Type and #

Preservative Type

HEAL No.

Date Time Matrix Sample Name

10/6/21 1134 Soil P-F-9

1156 Soil P-F-10

0900 Soil 0947 P-G-1

0952 Soil 0900 P-G-2

0953 Soil P-G-3

1006 Soil P-G-4

1007 Soil P-G-5

1017 Soil P-G-6

1019 Soil P-G-7

1022 Soil P-G-8

1024 Soil P-G-9

1024 Soil P-G-10

Date Time

10/17/21 1153 Relinquished by: Nelson Watson

10/17/21 1900 Relinquished by: C. Carr

Date Time

Date Time

Date Time

Date Time

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Date Time

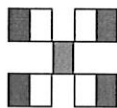
Date Time

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Date Time

Date Time



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO)

Chloride (EPA 300)

BTEX (8021)

X

X

X

X

X

X

X

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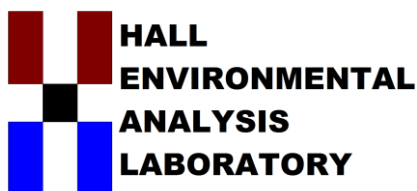
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X

X

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 report.



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

October 29, 2021

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Donahue Federal SWD 1

OrderNo.: 2110516

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 46 sample(s) on 10/9/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued October 26, 2021.

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.

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-1

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 12:42:00 PM

Lab ID: 2110516-001

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/13/2021 10:42:22 PM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/13/2021 8:45:54 PM	63231
Motor Oil Range Organics (MRO)	ND	60	D	mg/Kg	1	10/13/2021 8:45:54 PM	63231
Surr: DNOP	89.1	70-130		%Rec	1	10/13/2021 8:45:54 PM	63231
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/14/2021 10:46:00 PM	63223
Surr: BFB	96.8	70-130		%Rec	1	10/14/2021 10:46:00 PM	63223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/14/2021 10:46:00 PM	63223
Toluene	ND	0.049		mg/Kg	1	10/14/2021 10:46:00 PM	63223
Ethylbenzene	ND	0.049		mg/Kg	1	10/14/2021 10:46:00 PM	63223
Xylenes, Total	ND	0.099		mg/Kg	1	10/14/2021 10:46:00 PM	63223
Surr: 4-Bromofluorobenzene	84.3	70-130		%Rec	1	10/14/2021 10:46:00 PM	63223

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-2

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 12:44:00 PM

Lab ID: 2110516-002

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/13/2021 10:54:47 PM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	16	D	mg/Kg	1	10/13/2021 9:10:09 PM	63231
Motor Oil Range Organics (MRO)	ND	79	D	mg/Kg	1	10/13/2021 9:10:09 PM	63231
Surr: DNOP	84.4	70-130		%Rec	1	10/13/2021 9:10:09 PM	63231
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/14/2021 11:06:00 PM	63223
Surr: BFB	98.6	70-130		%Rec	1	10/14/2021 11:06:00 PM	63223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/14/2021 11:06:00 PM	63223
Toluene	ND	0.046		mg/Kg	1	10/14/2021 11:06:00 PM	63223
Ethylbenzene	ND	0.046		mg/Kg	1	10/14/2021 11:06:00 PM	63223
Xylenes, Total	ND	0.093		mg/Kg	1	10/14/2021 11:06:00 PM	63223
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	10/14/2021 11:06:00 PM	63223

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

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

Page 2 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-3

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 12:30:00 PM

Lab ID: 2110516-003

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	330	59		mg/Kg	20	10/13/2021 11:07:11 PM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	15	D	mg/Kg	1	10/13/2021 9:34:52 PM	63231
Motor Oil Range Organics (MRO)	ND	77	D	mg/Kg	1	10/13/2021 9:34:52 PM	63231
Surr: DNOP	85.4	70-130		%Rec	1	10/13/2021 9:34:52 PM	63231
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/14/2021 11:26:00 PM	63223
Surr: BFB	101	70-130		%Rec	1	10/14/2021 11:26:00 PM	63223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/14/2021 11:26:00 PM	63223
Toluene	ND	0.048		mg/Kg	1	10/14/2021 11:26:00 PM	63223
Ethylbenzene	ND	0.048		mg/Kg	1	10/14/2021 11:26:00 PM	63223
Xylenes, Total	ND	0.096		mg/Kg	1	10/14/2021 11:26:00 PM	63223
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	10/14/2021 11:26:00 PM	63223

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

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

Page 3 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-4

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 12:32:00 PM

Lab ID: 2110516-004

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/13/2021 11:19:35 PM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.3		mg/Kg	1	10/22/2021 12:03:54 PM	63462
Motor Oil Range Organics (MRO)	ND	36		mg/Kg	1	10/22/2021 12:03:54 PM	63462
Surr: DNOP	99.3	70-130		%Rec	1	10/22/2021 12:03:54 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/14/2021 11:45:00 PM	63223
Surr: BFB	99.6	70-130		%Rec	1	10/14/2021 11:45:00 PM	63223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/14/2021 11:45:00 PM	63223
Toluene	ND	0.047		mg/Kg	1	10/14/2021 11:45:00 PM	63223
Ethylbenzene	ND	0.047		mg/Kg	1	10/14/2021 11:45:00 PM	63223
Xylenes, Total	ND	0.093		mg/Kg	1	10/14/2021 11:45:00 PM	63223
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	10/14/2021 11:45:00 PM	63223

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

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

Page 4 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-5

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:49:00 AM

Lab ID: 2110516-005

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	290	60		mg/Kg	20	10/13/2021 11:32:00 PM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/13/2021 10:23:30 PM	63231
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/13/2021 10:23:30 PM	63231
Surr: DNOP	86.6	70-130		%Rec	1	10/13/2021 10:23:30 PM	63231
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/15/2021 12:44:00 AM	63223
Surr: BFB	104	70-130		%Rec	1	10/15/2021 12:44:00 AM	63223
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 12:44:00 AM	63223
Toluene	ND	0.046		mg/Kg	1	10/15/2021 12:44:00 AM	63223
Ethylbenzene	ND	0.046		mg/Kg	1	10/15/2021 12:44:00 AM	63223
Xylenes, Total	ND	0.091		mg/Kg	1	10/15/2021 12:44:00 AM	63223
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	10/15/2021 12:44:00 AM	63223

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-6

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:51:00 AM

Lab ID: 2110516-006

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/14/2021 12:09:13 AM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.3		mg/Kg	1	10/22/2021 12:14:49 PM	63462
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	10/22/2021 12:14:49 PM	63462
Surr: DNOP	96.6	70-130		%Rec	1	10/22/2021 12:14:49 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/15/2021 2:03:00 AM	63234
Surr: BFB	101	70-130		%Rec	1	10/15/2021 2:03:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.028		mg/Kg	1	10/15/2021 2:03:00 AM	63234
Toluene	ND	0.055		mg/Kg	1	10/15/2021 2:03:00 AM	63234
Ethylbenzene	ND	0.055		mg/Kg	1	10/15/2021 2:03:00 AM	63234
Xylenes, Total	ND	0.11		mg/Kg	1	10/15/2021 2:03:00 AM	63234
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	10/15/2021 2:03:00 AM	63234

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

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

Page 6 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-7

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:43:00 AM

Lab ID: 2110516-007

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/14/2021 12:21:37 AM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	17	D	mg/Kg	1	10/13/2021 7:50:47 PM	63241
Motor Oil Range Organics (MRO)	ND	84	D	mg/Kg	1	10/13/2021 7:50:47 PM	63241
Surr: DNOP	81.8	70-130	D	%Rec	1	10/13/2021 7:50:47 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/15/2021 3:01:00 AM	63234
Surr: BFB	105	70-130		%Rec	1	10/15/2021 3:01:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 3:01:00 AM	63234
Toluene	ND	0.046		mg/Kg	1	10/15/2021 3:01:00 AM	63234
Ethylbenzene	ND	0.046		mg/Kg	1	10/15/2021 3:01:00 AM	63234
Xylenes, Total	ND	0.093		mg/Kg	1	10/15/2021 3:01:00 AM	63234
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	10/15/2021 3:01:00 AM	63234

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

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

Page 7 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-8

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:45:00 AM

Lab ID: 2110516-008

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/14/2021 12:34:01 AM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10	D	mg/Kg	1	10/13/2021 8:01:40 PM	63241
Motor Oil Range Organics (MRO)	ND	52	D	mg/Kg	1	10/13/2021 8:01:40 PM	63241
Surr: DNOP	81.1	70-130	D	%Rec	1	10/13/2021 8:01:40 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2021 4:00:00 AM	63234
Surr: BFB	104	70-130		%Rec	1	10/15/2021 4:00:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/15/2021 4:00:00 AM	63234
Toluene	ND	0.049		mg/Kg	1	10/15/2021 4:00:00 AM	63234
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2021 4:00:00 AM	63234
Xylenes, Total	ND	0.098		mg/Kg	1	10/15/2021 4:00:00 AM	63234
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	10/15/2021 4:00:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-9

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:31:00 AM

Lab ID: 2110516-009

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	10/14/2021 12:46:26 AM	63273
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.9		mg/Kg	1	10/22/2021 12:25:45 PM	63462
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	10/22/2021 12:25:45 PM	63462
Surr: DNOP	101	70-130		%Rec	1	10/22/2021 12:25:45 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/15/2021 4:20:00 AM	63234
Surr: BFB	101	70-130		%Rec	1	10/15/2021 4:20:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 4:20:00 AM	63234
Toluene	ND	0.046		mg/Kg	1	10/15/2021 4:20:00 AM	63234
Ethylbenzene	ND	0.046		mg/Kg	1	10/15/2021 4:20:00 AM	63234
Xylenes, Total	ND	0.091		mg/Kg	1	10/15/2021 4:20:00 AM	63234
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	10/15/2021 4:20:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-10

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:33:00 AM

Lab ID: 2110516-010

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 9:28:02 AM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/13/2021 8:23:26 PM	63241
Motor Oil Range Organics (MRO)	ND	70	D	mg/Kg	1	10/13/2021 8:23:26 PM	63241
Surr: DNOP	83.0	70-130	D	%Rec	1	10/13/2021 8:23:26 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/15/2021 4:39:00 AM	63234
Surr: BFB	103	70-130		%Rec	1	10/15/2021 4:39:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/15/2021 4:39:00 AM	63234
Toluene	ND	0.048		mg/Kg	1	10/15/2021 4:39:00 AM	63234
Ethylbenzene	ND	0.048		mg/Kg	1	10/15/2021 4:39:00 AM	63234
Xylenes, Total	ND	0.096		mg/Kg	1	10/15/2021 4:39:00 AM	63234
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	10/15/2021 4:39:00 AM	63234

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

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

Page 10 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-11

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:21:00 AM

Lab ID: 2110516-011

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	10/15/2021 10:17:39 AM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/13/2021 8:34:17 PM	63241
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/13/2021 8:34:17 PM	63241
Surr: DNOP	83.9	70-130		%Rec	1	10/13/2021 8:34:17 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2021 4:59:00 AM	63234
Surr: BFB	102	70-130		%Rec	1	10/15/2021 4:59:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/15/2021 4:59:00 AM	63234
Toluene	ND	0.049		mg/Kg	1	10/15/2021 4:59:00 AM	63234
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2021 4:59:00 AM	63234
Xylenes, Total	ND	0.098		mg/Kg	1	10/15/2021 4:59:00 AM	63234
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	10/15/2021 4:59:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-12

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 10:23:00 AM

Lab ID: 2110516-012

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 10:54:53 AM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/13/2021 8:45:08 PM	63241
Motor Oil Range Organics (MRO)	ND	60	D	mg/Kg	1	10/13/2021 8:45:08 PM	63241
Surr: DNOP	80.7	70-130	D	%Rec	1	10/13/2021 8:45:08 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/15/2021 5:18:00 AM	63234
Surr: BFB	98.5	70-130		%Rec	1	10/15/2021 5:18:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/15/2021 5:18:00 AM	63234
Toluene	ND	0.050		mg/Kg	1	10/15/2021 5:18:00 AM	63234
Ethylbenzene	ND	0.050		mg/Kg	1	10/15/2021 5:18:00 AM	63234
Xylenes, Total	ND	0.10		mg/Kg	1	10/15/2021 5:18:00 AM	63234
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	10/15/2021 5:18:00 AM	63234

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

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

Page 12 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-1

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:15:00 PM

Lab ID: 2110516-013

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/15/2021 11:07:17 AM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	11	D	mg/Kg	1	10/13/2021 8:55:57 PM	63241
Motor Oil Range Organics (MRO)	ND	53	D	mg/Kg	1	10/13/2021 8:55:57 PM	63241
Surr: DNOP	83.4	70-130	D	%Rec	1	10/13/2021 8:55:57 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	10/15/2021 5:38:00 AM	63234
Surr: BFB	103	70-130		%Rec	1	10/15/2021 5:38:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	10/15/2021 5:38:00 AM	63234
Toluene	ND	0.044		mg/Kg	1	10/15/2021 5:38:00 AM	63234
Ethylbenzene	ND	0.044		mg/Kg	1	10/15/2021 5:38:00 AM	63234
Xylenes, Total	ND	0.087		mg/Kg	1	10/15/2021 5:38:00 AM	63234
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	10/15/2021 5:38:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-2

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:17:00 PM

Lab ID: 2110516-014

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/15/2021 11:19:42 AM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	39	8.7		mg/Kg	1	10/13/2021 9:06:44 PM	63241
Motor Oil Range Organics (MRO)	91	43		mg/Kg	1	10/13/2021 9:06:44 PM	63241
Surr: DNOP	84.3	70-130		%Rec	1	10/13/2021 9:06:44 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/15/2021 5:57:00 AM	63234
Surr: BFB	101	70-130		%Rec	1	10/15/2021 5:57:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.027		mg/Kg	1	10/15/2021 5:57:00 AM	63234
Toluene	ND	0.055		mg/Kg	1	10/15/2021 5:57:00 AM	63234
Ethylbenzene	ND	0.055		mg/Kg	1	10/15/2021 5:57:00 AM	63234
Xylenes, Total	ND	0.11		mg/Kg	1	10/15/2021 5:57:00 AM	63234
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	10/15/2021 5:57:00 AM	63234

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

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

Page 14 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-3

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:25:00 PM

Lab ID: 2110516-015

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 11:56:56 AM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.8		mg/Kg	1	10/13/2021 9:17:31 PM	63241
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	10/13/2021 9:17:31 PM	63241
Surr: DNOP	80.1	70-130		%Rec	1	10/13/2021 9:17:31 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/15/2021 6:56:00 AM	63234
Surr: BFB	114	70-130		%Rec	1	10/15/2021 6:56:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 6:56:00 AM	63234
Toluene	ND	0.046		mg/Kg	1	10/15/2021 6:56:00 AM	63234
Ethylbenzene	ND	0.046		mg/Kg	1	10/15/2021 6:56:00 AM	63234
Xylenes, Total	ND	0.093		mg/Kg	1	10/15/2021 6:56:00 AM	63234
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	10/15/2021 6:56:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-4

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:27:00 PM

Lab ID: 2110516-016

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 12:09:20 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/13/2021 9:28:16 PM	63241
Motor Oil Range Organics (MRO)	ND	59	D	mg/Kg	1	10/13/2021 9:28:16 PM	63241
Surr: DNOP	81.4	70-130	D	%Rec	1	10/13/2021 9:28:16 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	10/15/2021 7:16:00 AM	63234
Surr: BFB	110	70-130		%Rec	1	10/15/2021 7:16:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	10/15/2021 7:16:00 AM	63234
Toluene	ND	0.045		mg/Kg	1	10/15/2021 7:16:00 AM	63234
Ethylbenzene	ND	0.045		mg/Kg	1	10/15/2021 7:16:00 AM	63234
Xylenes, Total	ND	0.090		mg/Kg	1	10/15/2021 7:16:00 AM	63234
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	10/15/2021 7:16:00 AM	63234

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

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

Page 16 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-5

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:34:00 PM

Lab ID: 2110516-017

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	10/15/2021 12:21:45 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/13/2021 9:39:00 PM	63241
Motor Oil Range Organics (MRO)	ND	61	D	mg/Kg	1	10/13/2021 9:39:00 PM	63241
Surr: DNOP	72.1	70-130	D	%Rec	1	10/13/2021 9:39:00 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	10/15/2021 7:36:00 AM	63234
Surr: BFB	110	70-130		%Rec	1	10/15/2021 7:36:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.020		mg/Kg	1	10/15/2021 7:36:00 AM	63234
Toluene	ND	0.040		mg/Kg	1	10/15/2021 7:36:00 AM	63234
Ethylbenzene	ND	0.040		mg/Kg	1	10/15/2021 7:36:00 AM	63234
Xylenes, Total	ND	0.079		mg/Kg	1	10/15/2021 7:36:00 AM	63234
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	10/15/2021 7:36:00 AM	63234

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

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

Page 17 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-6

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:36:00 PM

Lab ID: 2110516-018

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 12:34:10 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/13/2021 9:49:43 PM	63241
Motor Oil Range Organics (MRO)	ND	59	D	mg/Kg	1	10/13/2021 9:49:43 PM	63241
Surr: DNOP	81.9	70-130	D	%Rec	1	10/13/2021 9:49:43 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	10/15/2021 10:01:00 AM	63234
Surr: BFB	101	70-130		%Rec	1	10/15/2021 10:01:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	10/15/2021 10:01:00 AM	63234
Toluene	ND	0.044		mg/Kg	1	10/15/2021 10:01:00 AM	63234
Ethylbenzene	ND	0.044		mg/Kg	1	10/15/2021 10:01:00 AM	63234
Xylenes, Total	ND	0.087		mg/Kg	1	10/15/2021 10:01:00 AM	63234
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	10/15/2021 10:01:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-7

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:43:00 PM

Lab ID: 2110516-019

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 12:46:35 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	11	D	mg/Kg	1	10/13/2021 10:00:26 PM	63241
Motor Oil Range Organics (MRO)	ND	57	D	mg/Kg	1	10/13/2021 10:00:26 PM	63241
Surr: DNOP	89.2	70-130	D	%Rec	1	10/13/2021 10:00:26 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	10/15/2021 10:20:00 AM	63234
Surr: BFB	102	70-130		%Rec	1	10/15/2021 10:20:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.020		mg/Kg	1	10/15/2021 10:20:00 AM	63234
Toluene	ND	0.041		mg/Kg	1	10/15/2021 10:20:00 AM	63234
Ethylbenzene	ND	0.041		mg/Kg	1	10/15/2021 10:20:00 AM	63234
Xylenes, Total	ND	0.082		mg/Kg	1	10/15/2021 10:20:00 AM	63234
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	10/15/2021 10:20:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-8

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:45:00 PM

Lab ID: 2110516-020

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 12:59:00 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	10/22/2021 12:36:41 PM	63462
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	10/22/2021 12:36:41 PM	63462
Surr: DNOP	95.9	70-130		%Rec	1	10/22/2021 12:36:41 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.7		mg/Kg	1	10/15/2021 10:40:00 AM	63234
Surr: BFB	104	70-130		%Rec	1	10/15/2021 10:40:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.028		mg/Kg	1	10/15/2021 10:40:00 AM	63234
Toluene	ND	0.057		mg/Kg	1	10/15/2021 10:40:00 AM	63234
Ethylbenzene	ND	0.057		mg/Kg	1	10/15/2021 10:40:00 AM	63234
Xylenes, Total	ND	0.11		mg/Kg	1	10/15/2021 10:40:00 AM	63234
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	10/15/2021 10:40:00 AM	63234

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

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

Page 20 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-9

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:51:00 PM

Lab ID: 2110516-021

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 1:11:25 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	12	D	mg/Kg	1	10/13/2021 10:21:47 PM	63241
Motor Oil Range Organics (MRO)	ND	61	D	mg/Kg	1	10/13/2021 10:21:47 PM	63241
Surr: DNOP	86.6	70-130	D	%Rec	1	10/13/2021 10:21:47 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	10/15/2021 11:00:00 AM	63234
Surr: BFB	105	70-130		%Rec	1	10/15/2021 11:00:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.020		mg/Kg	1	10/15/2021 11:00:00 AM	63234
Toluene	ND	0.039		mg/Kg	1	10/15/2021 11:00:00 AM	63234
Ethylbenzene	ND	0.039		mg/Kg	1	10/15/2021 11:00:00 AM	63234
Xylenes, Total	ND	0.079		mg/Kg	1	10/15/2021 11:00:00 AM	63234
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	10/15/2021 11:00:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-10

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:53:00 PM

Lab ID: 2110516-022

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 1:23:49 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.8		mg/Kg	1	10/22/2021 12:47:37 PM	63462
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	10/22/2021 12:47:37 PM	63462
Surr: DNOP	99.7	70-130		%Rec	1	10/22/2021 12:47:37 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	10/15/2021 11:19:00 AM	63234
Surr: BFB	103	70-130		%Rec	1	10/15/2021 11:19:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 11:19:00 AM	63234
Toluene	ND	0.045		mg/Kg	1	10/15/2021 11:19:00 AM	63234
Ethylbenzene	ND	0.045		mg/Kg	1	10/15/2021 11:19:00 AM	63234
Xylenes, Total	ND	0.090		mg/Kg	1	10/15/2021 11:19:00 AM	63234
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	10/15/2021 11:19:00 AM	63234

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

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

Page 22 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-11

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:02:00 PM

Lab ID: 2110516-023

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 1:36:14 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/13/2021 10:43:08 PM	63241
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/13/2021 10:43:08 PM	63241
Surr: DNOP	89.7	70-130		%Rec	1	10/13/2021 10:43:08 PM	63241
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	10/15/2021 11:39:00 AM	63234
Surr: BFB	107	70-130		%Rec	1	10/15/2021 11:39:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.020		mg/Kg	1	10/15/2021 11:39:00 AM	63234
Toluene	ND	0.040		mg/Kg	1	10/15/2021 11:39:00 AM	63234
Ethylbenzene	ND	0.040		mg/Kg	1	10/15/2021 11:39:00 AM	63234
Xylenes, Total	ND	0.081		mg/Kg	1	10/15/2021 11:39:00 AM	63234
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	10/15/2021 11:39:00 AM	63234

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

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

Page 23 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-12

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:04:00 PM

Lab ID: 2110516-024

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 1:48:39 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.6		mg/Kg	1	10/22/2021 12:58:33 PM	63462
Motor Oil Range Organics (MRO)	ND	33		mg/Kg	1	10/22/2021 12:58:33 PM	63462
Surr: DNOP	94.3	70-130		%Rec	1	10/22/2021 12:58:33 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	10/15/2021 11:59:00 AM	63234
Surr: BFB	105	70-130		%Rec	1	10/15/2021 11:59:00 AM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.016		mg/Kg	1	10/15/2021 11:59:00 AM	63234
Toluene	ND	0.031		mg/Kg	1	10/15/2021 11:59:00 AM	63234
Ethylbenzene	ND	0.031		mg/Kg	1	10/15/2021 11:59:00 AM	63234
Xylenes, Total	ND	0.063		mg/Kg	1	10/15/2021 11:59:00 AM	63234
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	10/15/2021 11:59:00 AM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-13

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:12:00 PM

Lab ID: 2110516-025

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 2:25:53 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.9		mg/Kg	1	10/22/2021 1:09:26 PM	63462
Motor Oil Range Organics (MRO)	ND	34		mg/Kg	1	10/22/2021 1:09:26 PM	63462
Surr: DNOP	89.3	70-130		%Rec	1	10/22/2021 1:09:26 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/15/2021 12:18:00 PM	63234
Surr: BFB	106	70-130		%Rec	1	10/15/2021 12:18:00 PM	63234
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.028		mg/Kg	1	10/15/2021 12:18:00 PM	63234
Toluene	ND	0.055		mg/Kg	1	10/15/2021 12:18:00 PM	63234
Ethylbenzene	ND	0.055		mg/Kg	1	10/15/2021 12:18:00 PM	63234
Xylenes, Total	ND	0.11		mg/Kg	1	10/15/2021 12:18:00 PM	63234
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	10/15/2021 12:18:00 PM	63234

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-14

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:14:00 PM

Lab ID: 2110516-026

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	98	60		mg/Kg	20	10/15/2021 2:38:17 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.7		mg/Kg	1	10/22/2021 1:20:20 PM	63462
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	10/22/2021 1:20:20 PM	63462
Surr: DNOP	94.7	70-130		%Rec	1	10/22/2021 1:20:20 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.5		mg/Kg	1	10/15/2021 1:36:00 PM	63236
Surr: BFB	105	70-130		%Rec	1	10/15/2021 1:36:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.027		mg/Kg	1	10/15/2021 1:36:00 PM	63236
Toluene	ND	0.055		mg/Kg	1	10/15/2021 1:36:00 PM	63236
Ethylbenzene	ND	0.055		mg/Kg	1	10/15/2021 1:36:00 PM	63236
Xylenes, Total	ND	0.11		mg/Kg	1	10/15/2021 1:36:00 PM	63236
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	10/15/2021 1:36:00 PM	63236

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

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

Page 26 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-15

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:20:00 PM

Lab ID: 2110516-027

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 2:50:43 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	19	15		mg/Kg	1	10/14/2021 2:01:01 AM	63243
Motor Oil Range Organics (MRO)	ND	75	D	mg/Kg	1	10/14/2021 2:01:01 AM	63243
Surr: DNOP	90.9	70-130		%Rec	1	10/14/2021 2:01:01 AM	63243
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	8.9		mg/Kg	1	10/15/2021 2:36:00 PM	63236
Surr: BFB	107	70-130		%Rec	1	10/15/2021 2:36:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.044		mg/Kg	1	10/15/2021 2:36:00 PM	63236
Toluene	ND	0.089		mg/Kg	1	10/15/2021 2:36:00 PM	63236
Ethylbenzene	ND	0.089		mg/Kg	1	10/15/2021 2:36:00 PM	63236
Xylenes, Total	ND	0.18		mg/Kg	1	10/15/2021 2:36:00 PM	63236
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	10/15/2021 2:36:00 PM	63236

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

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

Page 27 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-1

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:31:00 PM

Lab ID: 2110516-028

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 3:03:08 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/22/2021 1:31:14 PM	63462
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/22/2021 1:31:14 PM	63462
Surr: DNOP	92.0	70-130		%Rec	1	10/22/2021 1:31:14 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/15/2021 4:14:00 PM	63236
Surr: BFB	99.6	70-130		%Rec	1	10/15/2021 4:14:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/15/2021 4:14:00 PM	63236
Toluene	ND	0.050		mg/Kg	1	10/15/2021 4:14:00 PM	63236
Ethylbenzene	ND	0.050		mg/Kg	1	10/15/2021 4:14:00 PM	63236
Xylenes, Total	ND	0.10		mg/Kg	1	10/15/2021 4:14:00 PM	63236
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	10/15/2021 4:14:00 PM	63236

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

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

Page 28 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-2

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:33:00 PM

Lab ID: 2110516-029

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 3:15:33 PM	63327
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.9		mg/Kg	1	10/22/2021 1:42:11 PM	63462
Motor Oil Range Organics (MRO)	ND	35		mg/Kg	1	10/22/2021 1:42:11 PM	63462
Surr: DNOP	90.1	70-130		%Rec	1	10/22/2021 1:42:11 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2021 4:33:00 PM	63236
Surr: BFB	101	70-130		%Rec	1	10/15/2021 4:33:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/15/2021 4:33:00 PM	63236
Toluene	ND	0.049		mg/Kg	1	10/15/2021 4:33:00 PM	63236
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2021 4:33:00 PM	63236
Xylenes, Total	ND	0.098		mg/Kg	1	10/15/2021 4:33:00 PM	63236
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	10/15/2021 4:33:00 PM	63236

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-3

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:43:00 PM

Lab ID: 2110516-030

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 3:52:47 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	85	19		mg/Kg	1	10/14/2021 3:13:53 AM	63243
Motor Oil Range Organics (MRO)	180	96		mg/Kg	1	10/14/2021 3:13:53 AM	63243
Surr: DNOP	91.7	70-130		%Rec	1	10/14/2021 3:13:53 AM	63243
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	6.4		mg/Kg	1	10/15/2021 4:53:00 PM	63236
Surr: BFB	101	70-130		%Rec	1	10/15/2021 4:53:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.032		mg/Kg	1	10/15/2021 4:53:00 PM	63236
Toluene	ND	0.064		mg/Kg	1	10/15/2021 4:53:00 PM	63236
Ethylbenzene	ND	0.064		mg/Kg	1	10/15/2021 4:53:00 PM	63236
Xylenes, Total	ND	0.13		mg/Kg	1	10/15/2021 4:53:00 PM	63236
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	10/15/2021 4:53:00 PM	63236

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

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

Page 30 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-4

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:45:00 PM

Lab ID: 2110516-031

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 4:05:11 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	14	D	mg/Kg	1	10/14/2021 3:37:59 AM	63243
Motor Oil Range Organics (MRO)	ND	68	D	mg/Kg	1	10/14/2021 3:37:59 AM	63243
Surr: DNOP	90.9	70-130		%Rec	1	10/14/2021 3:37:59 AM	63243
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	10/15/2021 5:13:00 PM	63236
Surr: BFB	101	70-130		%Rec	1	10/15/2021 5:13:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.021		mg/Kg	1	10/15/2021 5:13:00 PM	63236
Toluene	ND	0.041		mg/Kg	1	10/15/2021 5:13:00 PM	63236
Ethylbenzene	ND	0.041		mg/Kg	1	10/15/2021 5:13:00 PM	63236
Xylenes, Total	ND	0.082		mg/Kg	1	10/15/2021 5:13:00 PM	63236
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	10/15/2021 5:13:00 PM	63236

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

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

Page 31 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-5

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:53:00 PM

Lab ID: 2110516-032

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 4:17:36 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	31	8.1		mg/Kg	1	10/22/2021 1:53:13 PM	63462
Motor Oil Range Organics (MRO)	45	40		mg/Kg	1	10/22/2021 1:53:13 PM	63462
Surr: DNOP	94.8	70-130		%Rec	1	10/22/2021 1:53:13 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	10/15/2021 5:32:00 PM	63236
Surr: BFB	105	70-130		%Rec	1	10/15/2021 5:32:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.019		mg/Kg	1	10/15/2021 5:32:00 PM	63236
Toluene	ND	0.038		mg/Kg	1	10/15/2021 5:32:00 PM	63236
Ethylbenzene	ND	0.038		mg/Kg	1	10/15/2021 5:32:00 PM	63236
Xylenes, Total	ND	0.076		mg/Kg	1	10/15/2021 5:32:00 PM	63236
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	10/15/2021 5:32:00 PM	63236

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

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

Page 32 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-6

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:55:00 PM

Lab ID: 2110516-033

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 4:54:50 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	7.7		mg/Kg	1	10/22/2021 2:04:17 PM	63462
Motor Oil Range Organics (MRO)	300	38		mg/Kg	1	10/22/2021 2:04:17 PM	63462
Surr: DNOP	103	70-130		%Rec	1	10/22/2021 2:04:17 PM	63462
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	7.1		mg/Kg	1	10/15/2021 5:52:00 PM	63236
Surr: BFB	104	70-130		%Rec	1	10/15/2021 5:52:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.035		mg/Kg	1	10/15/2021 5:52:00 PM	63236
Toluene	ND	0.071		mg/Kg	1	10/15/2021 5:52:00 PM	63236
Ethylbenzene	ND	0.071		mg/Kg	1	10/15/2021 5:52:00 PM	63236
Xylenes, Total	ND	0.14		mg/Kg	1	10/15/2021 5:52:00 PM	63236
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	10/15/2021 5:52:00 PM	63236

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

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

Page 33 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-7

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 3:00:00 PM

Lab ID: 2110516-034

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 5:07:14 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.7		mg/Kg	1	10/22/2021 6:43:13 PM	63463
Motor Oil Range Organics (MRO)	ND	34		mg/Kg	1	10/22/2021 6:43:13 PM	63463
Surr: DNOP	87.3	70-130		%Rec	1	10/22/2021 6:43:13 PM	63463
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	7.2		mg/Kg	1	10/15/2021 6:12:00 PM	63236
Surr: BFB	102	70-130		%Rec	1	10/15/2021 6:12:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.036		mg/Kg	1	10/15/2021 6:12:00 PM	63236
Toluene	ND	0.072		mg/Kg	1	10/15/2021 6:12:00 PM	63236
Ethylbenzene	ND	0.072		mg/Kg	1	10/15/2021 6:12:00 PM	63236
Xylenes, Total	ND	0.14		mg/Kg	1	10/15/2021 6:12:00 PM	63236
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	10/15/2021 6:12:00 PM	63236

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

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

Page 34 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-8

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 3:01:00 PM

Lab ID: 2110516-035

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 5:19:39 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	13	D	mg/Kg	1	10/14/2021 5:14:27 AM	63243
Motor Oil Range Organics (MRO)	ND	63	D	mg/Kg	1	10/14/2021 5:14:27 AM	63243
Surr: DNOP	90.0	70-130		%Rec	1	10/14/2021 5:14:27 AM	63243
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/15/2021 6:31:00 PM	63236
Surr: BFB	103	70-130		%Rec	1	10/15/2021 6:31:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/15/2021 6:31:00 PM	63236
Toluene	ND	0.048		mg/Kg	1	10/15/2021 6:31:00 PM	63236
Ethylbenzene	ND	0.048		mg/Kg	1	10/15/2021 6:31:00 PM	63236
Xylenes, Total	ND	0.095		mg/Kg	1	10/15/2021 6:31:00 PM	63236
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	10/15/2021 6:31:00 PM	63236

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

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

Page 35 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-9

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 3:13:00 PM

Lab ID: 2110516-036

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 5:32:03 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	440	22		mg/Kg	1	10/14/2021 5:38:31 AM	63243
Motor Oil Range Organics (MRO)	880	110		mg/Kg	1	10/14/2021 5:38:31 AM	63243
Surr: DNOP	97.1	70-130		%Rec	1	10/14/2021 5:38:31 AM	63243
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/15/2021 6:51:00 PM	63236
Surr: BFB	101	70-130		%Rec	1	10/15/2021 6:51:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 6:51:00 PM	63236
Toluene	ND	0.046		mg/Kg	1	10/15/2021 6:51:00 PM	63236
Ethylbenzene	ND	0.046		mg/Kg	1	10/15/2021 6:51:00 PM	63236
Xylenes, Total	ND	0.092		mg/Kg	1	10/15/2021 6:51:00 PM	63236
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	10/15/2021 6:51:00 PM	63236

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

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

Page 36 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-10

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 3:15:00 PM

Lab ID: 2110516-037

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 5:44:27 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/22/2021 6:54:04 PM	63463
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/22/2021 6:54:04 PM	63463
Surr: DNOP	94.0	70-130		%Rec	1	10/22/2021 6:54:04 PM	63463
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.3		mg/Kg	1	10/15/2021 7:11:00 PM	63236
Surr: BFB	105	70-130		%Rec	1	10/15/2021 7:11:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.027		mg/Kg	1	10/15/2021 7:11:00 PM	63236
Toluene	ND	0.053		mg/Kg	1	10/15/2021 7:11:00 PM	63236
Ethylbenzene	ND	0.053		mg/Kg	1	10/15/2021 7:11:00 PM	63236
Xylenes, Total	ND	0.11		mg/Kg	1	10/15/2021 7:11:00 PM	63236
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	10/15/2021 7:11:00 PM	63236

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

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

Page 37 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-11

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:23:00 PM

Lab ID: 2110516-038

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 5:56:52 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.6		mg/Kg	1	10/22/2021 7:05:00 PM	63463
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	10/22/2021 7:05:00 PM	63463
Surr: DNOP	77.2	70-130		%Rec	1	10/22/2021 7:05:00 PM	63463
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/15/2021 8:09:00 PM	63236
Surr: BFB	102	70-130		%Rec	1	10/15/2021 8:09:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 8:09:00 PM	63236
Toluene	ND	0.047		mg/Kg	1	10/15/2021 8:09:00 PM	63236
Ethylbenzene	ND	0.047		mg/Kg	1	10/15/2021 8:09:00 PM	63236
Xylenes, Total	ND	0.094		mg/Kg	1	10/15/2021 8:09:00 PM	63236
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	10/15/2021 8:09:00 PM	63236

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

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

Page 38 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-12

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:25:00 PM

Lab ID: 2110516-039

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 6:09:16 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	13	D	mg/Kg	1	10/14/2021 7:15:29 AM	63243
Motor Oil Range Organics (MRO)	ND	64	D	mg/Kg	1	10/14/2021 7:15:29 AM	63243
Surr: DNOP	88.7	70-130		%Rec	1	10/14/2021 7:15:29 AM	63243
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/15/2021 8:29:00 PM	63236
Surr: BFB	105	70-130		%Rec	1	10/15/2021 8:29:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/15/2021 8:29:00 PM	63236
Toluene	ND	0.048		mg/Kg	1	10/15/2021 8:29:00 PM	63236
Ethylbenzene	ND	0.048		mg/Kg	1	10/15/2021 8:29:00 PM	63236
Xylenes, Total	ND	0.096		mg/Kg	1	10/15/2021 8:29:00 PM	63236
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	10/15/2021 8:29:00 PM	63236

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-13

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:28:00 PM

Lab ID: 2110516-040

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 6:21:41 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.2		mg/Kg	1	10/22/2021 7:15:54 PM	63463
Motor Oil Range Organics (MRO)	ND	31		mg/Kg	1	10/22/2021 7:15:54 PM	63463
Surr: DNOP	76.7	70-130		%Rec	1	10/22/2021 7:15:54 PM	63463
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/15/2021 8:49:00 PM	63236
Surr: BFB	105	70-130		%Rec	1	10/15/2021 8:49:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 8:49:00 PM	63236
Toluene	ND	0.046		mg/Kg	1	10/15/2021 8:49:00 PM	63236
Ethylbenzene	ND	0.046		mg/Kg	1	10/15/2021 8:49:00 PM	63236
Xylenes, Total	ND	0.091		mg/Kg	1	10/15/2021 8:49:00 PM	63236
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	10/15/2021 8:49:00 PM	63236

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

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

Page 40 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-14

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:30:00 PM

Lab ID: 2110516-041

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	10/15/2021 6:34:06 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	10/22/2021 7:26:47 PM	63463
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	10/22/2021 7:26:47 PM	63463
Surr: DNOP	86.9	70-130		%Rec	1	10/22/2021 7:26:47 PM	63463
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	10/15/2021 9:08:00 PM	63236
Surr: BFB	100	70-130		%Rec	1	10/15/2021 9:08:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.021		mg/Kg	1	10/15/2021 9:08:00 PM	63236
Toluene	ND	0.042		mg/Kg	1	10/15/2021 9:08:00 PM	63236
Ethylbenzene	ND	0.042		mg/Kg	1	10/15/2021 9:08:00 PM	63236
Xylenes, Total	ND	0.084		mg/Kg	1	10/15/2021 9:08:00 PM	63236
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	10/15/2021 9:08:00 PM	63236

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

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

Page 41 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-15

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 2:22:00 PM

Lab ID: 2110516-042

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	72	59		mg/Kg	20	10/15/2021 6:46:30 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	16		mg/Kg	1	10/14/2021 8:27:48 AM	63243
Motor Oil Range Organics (MRO)	ND	79		mg/Kg	1	10/14/2021 8:27:48 AM	63243
Surr: DNOP	92.8	70-130		%Rec	1	10/14/2021 8:27:48 AM	63243
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	10/15/2021 9:28:00 PM	63236
Surr: BFB	104	70-130		%Rec	1	10/15/2021 9:28:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/15/2021 9:28:00 PM	63236
Toluene	ND	0.045		mg/Kg	1	10/15/2021 9:28:00 PM	63236
Ethylbenzene	ND	0.045		mg/Kg	1	10/15/2021 9:28:00 PM	63236
Xylenes, Total	ND	0.090		mg/Kg	1	10/15/2021 9:28:00 PM	63236
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	10/15/2021 9:28:00 PM	63236

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-NW-1

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 12:55:00 PM

Lab ID: 2110516-043

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	76	59		mg/Kg	20	10/15/2021 7:23:45 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/22/2021 7:37:38 PM	63463
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/22/2021 7:37:38 PM	63463
Surr: DNOP	79.7	70-130		%Rec	1	10/22/2021 7:37:38 PM	63463
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/15/2021 9:48:00 PM	63236
Surr: BFB	103	70-130		%Rec	1	10/15/2021 9:48:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	10/15/2021 9:48:00 PM	63236
Toluene	ND	0.050		mg/Kg	1	10/15/2021 9:48:00 PM	63236
Ethylbenzene	ND	0.050		mg/Kg	1	10/15/2021 9:48:00 PM	63236
Xylenes, Total	ND	0.099		mg/Kg	1	10/15/2021 9:48:00 PM	63236
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	10/15/2021 9:48:00 PM	63236

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

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

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-NW-2

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:02:00 PM

Lab ID: 2110516-044

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 7:36:09 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15	D	mg/Kg	1	10/13/2021 7:18:01 PM	63246
Motor Oil Range Organics (MRO)	ND	75	D	mg/Kg	1	10/13/2021 7:18:01 PM	63246
Surr: DNOP	77.5	70-130	D	%Rec	1	10/13/2021 7:18:01 PM	63246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	6.9		mg/Kg	1	10/15/2021 10:07:00 PM	63236
Surr: BFB	105	70-130		%Rec	1	10/15/2021 10:07:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.035		mg/Kg	1	10/15/2021 10:07:00 PM	63236
Toluene	ND	0.069		mg/Kg	1	10/15/2021 10:07:00 PM	63236
Ethylbenzene	ND	0.069		mg/Kg	1	10/15/2021 10:07:00 PM	63236
Xylenes, Total	ND	0.14		mg/Kg	1	10/15/2021 10:07:00 PM	63236
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	10/15/2021 10:07:00 PM	63236

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

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

Page 44 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-NW-3

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 1:04:00 PM

Lab ID: 2110516-045

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	160	59		mg/Kg	20	10/15/2021 7:48:33 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	10/13/2021 7:28:57 PM	63246
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	10/13/2021 7:28:57 PM	63246
Surr: DNOP	81.5	70-130		%Rec	1	10/13/2021 7:28:57 PM	63246
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	10/15/2021 10:27:00 PM	63236
Surr: BFB	102	70-130		%Rec	1	10/15/2021 10:27:00 PM	63236
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.022		mg/Kg	1	10/15/2021 10:27:00 PM	63236
Toluene	ND	0.043		mg/Kg	1	10/15/2021 10:27:00 PM	63236
Ethylbenzene	ND	0.043		mg/Kg	1	10/15/2021 10:27:00 PM	63236
Xylenes, Total	ND	0.087		mg/Kg	1	10/15/2021 10:27:00 PM	63236
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	10/15/2021 10:27:00 PM	63236

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

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

Page 45 of 54

Analytical Report

Lab Order 2110516

Date Reported: 10/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-WW-1

Project: Donahue Federal SWD 1

Collection Date: 10/7/2021 12:57:00 PM

Lab ID: 2110516-046

Matrix: SOIL

Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/15/2021 8:00:58 PM	63330
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.4	D	mg/Kg	1	10/14/2021 2:05:46 AM	63247
Motor Oil Range Organics (MRO)	ND	42	D	mg/Kg	1	10/14/2021 2:05:46 AM	63247
Surr: DNOP	94.2	70-130	D	%Rec	1	10/14/2021 2:05:46 AM	63247
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2021 2:58:34 PM	63240
Surr: BFB	101	70-130		%Rec	1	10/15/2021 2:58:34 PM	63240
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/15/2021 2:58:34 PM	63240
Toluene	ND	0.049		mg/Kg	1	10/15/2021 2:58:34 PM	63240
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2021 2:58:34 PM	63240
Xylenes, Total	ND	0.098		mg/Kg	1	10/15/2021 2:58:34 PM	63240
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	10/15/2021 2:58:34 PM	63240

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

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

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

WO#: 2110516

29-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-63273	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63273	RunNo: 81995								
Prep Date: 10/13/2021	Analysis Date: 10/13/2021	SeqNo: 2904630 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63273	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63273	RunNo: 81995								
Prep Date: 10/13/2021	Analysis Date: 10/13/2021	SeqNo: 2904631 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

Sample ID: MB-63327	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63327	RunNo: 82069								
Prep Date: 10/15/2021	Analysis Date: 10/15/2021	SeqNo: 2908191 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63327	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63327	RunNo: 82069								
Prep Date: 10/15/2021	Analysis Date: 10/15/2021	SeqNo: 2908192 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	90	110			

Sample ID: MB-63330	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63330	RunNo: 82069								
Prep Date: 10/15/2021	Analysis Date: 10/15/2021	SeqNo: 2908224 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63330	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63330	RunNo: 82069								
Prep Date: 10/15/2021	Analysis Date: 10/15/2021	SeqNo: 2908225 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

Qualifiers:

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

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

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

WO#: 2110516

29-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-63231	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63231				RunNo: 82029					
Prep Date: 10/12/2021	Analysis Date: 10/13/2021				SeqNo: 2904732	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	10	50.00	0	115	68.9	135			
Surr: DNOP	5.2		5.000		103	70	130			

Sample ID: LCS-63243	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63243				RunNo: 82029					
Prep Date: 10/12/2021	Analysis Date: 10/13/2021				SeqNo: 2904733	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	112	68.9	135			
Surr: DNOP	4.8		5.000		95.0	70	130			

Sample ID: MB-63231	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 63231				RunNo: 82029					
Prep Date: 10/12/2021	Analysis Date: 10/13/2021				SeqNo: 2904734	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.9		10.00		99.3	70	130			

Sample ID: MB-63243	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 63243				RunNo: 82029					
Prep Date: 10/12/2021	Analysis Date: 10/13/2021				SeqNo: 2904735	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		95.7	70	130			

Sample ID: LCS-63241	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63241				RunNo: 82009					
Prep Date: 10/12/2021	Analysis Date: 10/13/2021				SeqNo: 2905141	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.0	68.9	135			
Surr: DNOP	5.0		5.000		100	70	130			

Qualifiers:

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

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

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

WO#: 2110516

29-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-63246	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 63246			RunNo: 82009						
Prep Date: 10/12/2021	Analysis Date: 10/13/2021			SeqNo: 2905142		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.4	68.9	135			
Surr: DNOP	5.1		5.000		102	70	130			

Sample ID: LCS-63247	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 63247			RunNo: 82009						
Prep Date: 10/12/2021	Analysis Date: 10/13/2021			SeqNo: 2905143		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.5	68.9	135			
Surr: DNOP	4.7		5.000		94.7	70	130			

Sample ID: MB-63241	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63241			RunNo: 82009						
Prep Date: 10/12/2021	Analysis Date: 10/13/2021			SeqNo: 2905145		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		122	70	130			

Sample ID: MB-63246	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63246			RunNo: 82009						
Prep Date: 10/12/2021	Analysis Date: 10/13/2021			SeqNo: 2905146		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		98.4	70	130			

Sample ID: MB-63247	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63247			RunNo: 82009						
Prep Date: 10/12/2021	Analysis Date: 10/13/2021			SeqNo: 2905147		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		85.7	70	130			

Qualifiers:

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

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

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

WO#: 2110516

29-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-63462	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63462				RunNo: 82270					
Prep Date: 10/21/2021	Analysis Date: 10/22/2021				SeqNo: 2916719	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	68.9	135			
Surr: DNOP	6.4		5.000		127	70	130			

Sample ID: LCS-63463	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 63463				RunNo: 82270					
Prep Date: 10/21/2021	Analysis Date: 10/22/2021				SeqNo: 2916720	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	91.0	68.9	135			
Surr: DNOP	4.9		5.000		98.5	70	130			

Sample ID: MB-63462	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 63462				RunNo: 82270					
Prep Date: 10/21/2021	Analysis Date: 10/22/2021				SeqNo: 2916721	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		123	70	130			

Sample ID: MB-63463	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 63463				RunNo: 82270					
Prep Date: 10/21/2021	Analysis Date: 10/22/2021				SeqNo: 2916722	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		97.7	70	130			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110516

29-Oct-21

Client: EOG

Project: Donahue Federal SWD 1

Sample ID: mb-63223	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63223			RunNo: 82053						
Prep Date: 10/12/2021	Analysis Date: 10/14/2021			SeqNo: 2906479		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		105	70	130			

Sample ID: mb-63234	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63234			RunNo: 82053						
Prep Date: 10/12/2021	Analysis Date: 10/15/2021			SeqNo: 2906480		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		100	70	130			

Sample ID: lcs-63223	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63223			RunNo: 82053						
Prep Date: 10/12/2021	Analysis Date: 10/14/2021			SeqNo: 2906481		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	5.0	25.00	0	125	78.6	131			
Surr: BFB	1200		1000		116	70	130			

Sample ID: lcs-63234	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63234			RunNo: 82053						
Prep Date: 10/12/2021	Analysis Date: 10/15/2021			SeqNo: 2906482		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	114	78.6	131			
Surr: BFB	1200		1000		121	70	130			

Sample ID: mb-63240	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 63240			RunNo: 82076						
Prep Date: 10/12/2021	Analysis Date: 10/15/2021			SeqNo: 2908310		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		110	70	130			

Sample ID: lcs-63240	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 63240			RunNo: 82076						
Prep Date: 10/12/2021	Analysis Date: 10/15/2021			SeqNo: 2908311		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

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

WO#: 2110516

29-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: Ics-63240	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 63240		RunNo: 82076							
Prep Date: 10/12/2021	Analysis Date: 10/15/2021		SeqNo: 2908311		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	102	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Sample ID: mb-63236	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 63236		RunNo: 82109							
Prep Date: 10/12/2021	Analysis Date: 10/15/2021		SeqNo: 2908480		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: Ics-63236	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 63236		RunNo: 82109							
Prep Date: 10/12/2021	Analysis Date: 10/15/2021		SeqNo: 2908483		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	32	5.0	25.00	0	129	78.6	131			
Surr: BFB	1200		1000		121	70	130			

Qualifiers:

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

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

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

WO#: 2110516

29-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-63223	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63223	RunNo: 82053								
Prep Date: 10/12/2021	Analysis Date: 10/14/2021	SeqNo: 2906519 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		90.3	70	130			

Sample ID: mb-63234	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63234	RunNo: 82053								
Prep Date: 10/12/2021	Analysis Date: 10/15/2021	SeqNo: 2906520 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		85.5	70	130			

Sample ID: lcs-63223	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63223	RunNo: 82053								
Prep Date: 10/12/2021	Analysis Date: 10/14/2021	SeqNo: 2906521 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	99.6	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.1	70	130			

Sample ID: lcs-63234	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63234	RunNo: 82053								
Prep Date: 10/12/2021	Analysis Date: 10/15/2021	SeqNo: 2906522 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.0	80	120			
Toluene	0.96	0.050	1.000	0	95.5	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.8	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.2	70	130			

Qualifiers:

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

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

Page 53 of 54

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

WO#: 2110516

29-Oct-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-63240	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63240	RunNo: 82076								
Prep Date: 10/12/2021	Analysis Date: 10/15/2021	SeqNo: 2908393			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.0	70	130			

Sample ID: LCS-63240	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63240	RunNo: 82076								
Prep Date: 10/12/2021	Analysis Date: 10/15/2021	SeqNo: 2908394			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	89.9	80	120			
Toluene	0.92	0.050	1.000	0	91.9	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.1	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.5	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.9	70	130			

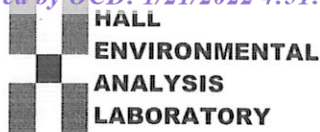
Sample ID: mb-63236	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63236	RunNo: 82109								
Prep Date: 10/12/2021	Analysis Date: 10/15/2021	SeqNo: 2908552			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130			

Sample ID: lcs-63236	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63236	RunNo: 82109								
Prep Date: 10/12/2021	Analysis Date: 10/15/2021	SeqNo: 2908555			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.2	0.10	3.000	0	106	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.5	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2110516

RcptNo: 1

Received By: Isaiah Ortiz

10/9/2021 8:00:00 AM

I-OK

Completed By: Isaiah Ortiz

10/9/2021 9:32:08 AM

I-OK

Reviewed By:

10/10/2021

Chain of Custody1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐2. How was the sample delivered? CourierLog In3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐5. Sample(s) in proper container(s)? Yes ☒ No ☐6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒10. Were any sample containers received broken? Yes ☐ No ☒11. Does paperwork match bottle labels? Yes ☒ No ☐

(Note discrepancies on chain of custody)

12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐13. Is it clear what analyses were requested? Yes ☒ No ☐14. Were all holding times able to be met? Yes ☒ No ☐

(If no, notify customer for authorization.)

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.0	Good	Not Present			

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type) ☐ Excel

Date	Time	Matrix	Sample Name
10/17/21	1242	Soil	P-A-1
	1244	Soil	P-A-2
	1230	Soil	P-A-3
	1232	Soil	P-A-4
	1049	Soil	P-A-5
	1051	Soil	P-A-6
	1043	Soil	P-A-7
	1045	Soil	P-A-8
	1031	Soil	P-A-9
	1033	Soil	P-A-10
	1021	Soil	P-A-11
	1023	Soil	P-A-12

Date: Time: Relinquished by:

10/18/21 0630 *Will@RangerEnv.com*

Date: Time: Relinquished by:

10/18/21 1900 *Will@RangerEnv.com*

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: R.M./W.K.

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 40' ± 0

Container Type and #	Preservative Type	HEAL No.
1 x 4oz Jar	Ice	001
1 x 4oz Jar	Ice	002
1 x 4oz Jar	Ice	003
1 x 4oz Jar	Ice	004
1 x 4oz Jar	Ice	005
1 x 4oz Jar	Ice	006
1 x 4oz Jar	Ice	007
1 x 4oz Jar	Ice	008
1 x 4oz Jar	Ice	009
1 x 4oz Jar	Ice	010
1 x 4oz Jar	Ice	011
1 x 4oz Jar	Ice	012

Received by:

Via: *Will@RangerEnv.com*

Date: Time

10/18/21 1930

Received by:

Via: *Will@RangerEnv.com*

Date: Time

10/18/21 0800

Analysis Request

TPH:8015D(GRO / DRO / MRO)

Chloride (EPA 300)

BTEX (8021)

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

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 report.

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type)
 ☐ Excel

 Turn-Around Time: 5 Days
☒ Standard
 ☐ Rush
 Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

 Sampler: R.M. / W.K.
 On Ice: ☒ Yes
 ☐ No
of Coolers: 1Cooler Temp (including CF): 4.0 ± 0

Container Type and #

Preservative Type

HEAL No.

2110516013014015016017018019020021022023024013014015016017018

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:

☒ Standard
 ☐ Rush

Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: R. A. W. K

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 4.0 ± 0.2

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
10/17/21	1412	Soil	TB-A-13	1 x 4oz Jar	Ice	2110516
10/17/21	1414	Soil	TB-A-14	1 x 4oz Jar	Ice	025
10/17/21	1420	Soil	TB-A-15	1 x 4oz Jar	Ice	026
10/17/21	1431	Soil	TB-B-1	1 x 4oz Jar	Ice	027
10/17/21	1433	Soil	TB-B-2	1 x 4oz Jar	Ice	028
10/17/21	1443	Soil	TB-B-3	1 x 4oz Jar	Ice	029
10/17/21	1445	Soil	TB-B-4	1 x 4oz Jar	Ice	030
10/17/21	1453	Soil	TB-B-5	1 x 4oz Jar	Ice	031
10/17/21	1455	Soil	TB-B-6	1 x 4oz Jar	Ice	032
10/17/21	1500	Soil	TB-B-7	1 x 4oz Jar	Ice	033
10/17/21	1501	Soil	TB-B-8	1 x 4oz Jar	Ice	034
10/17/21	1513	Soil	TB-B-9	1 x 4oz Jar	Ice	035
10/18/21	0630	Soil		1 x 4oz Jar	Ice	036

Date: 10/18/21

Time: 0630

Relinquished by: Robert M. Foster

Date: 10/18/21

Time: 1900

Relinquished by: [Signature]

Received by: [Signature]

Via: [Signature]

Date: 10/18/21

Time: 0630

Received by: [Signature]

Via: [Signature]

Date: 10/19/21

Time: 0800

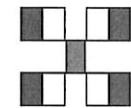
Remarks: Bill to EOG Artesia

BTEX (8021)

TPH: 8015D (GRO / DRO / MRO)

Chloride (EPA 300)

Analysis Request



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

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

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

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

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:

☒ Standard
 ☐ Rush

Project Name: Donahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: R.M. / W.K.

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CP): 4.0 ± 0

HEAL No. 2110516

Container Type and #

Preservative Type

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

Ice

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Ice

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Ice

Ice

Relinquished by:

Relinquished by:

Date: 10/18/21

Date: 10/18/21

Time: 0630

Time: 1900

Received by:

Received by:

Date: 10/18/21

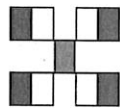
Date: 10/18/21

Time: 0630

Time: 0800

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 report.

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH: 8015D (GRO / DRO / MRO)

Chloride (EPA 300)

BTEX (8021)

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

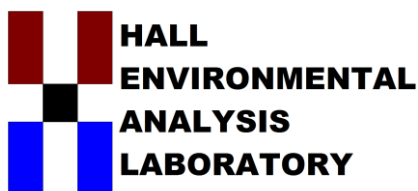
X

X

X

X

X



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

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Donahue Federal SWD 1

OrderNo.: 2111A15

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 29 sample(s) on 11/19/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-A-7A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 11:45:00 AM

Lab ID: 2111A15-001

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	140	60		mg/Kg	20	11/22/2021 6:04:52 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	63	9.1		mg/Kg	1	11/24/2021 1:32:52 PM	64083
Motor Oil Range Organics (MRO)	71	45		mg/Kg	1	11/24/2021 1:32:52 PM	64083
Surr: DNOP	98.3	70-130		%Rec	1	11/24/2021 1:32:52 PM	64083
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/22/2021 9:48:00 PM	64059
Surr: BFB	98.8	70-130		%Rec	1	11/22/2021 9:48:00 PM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/22/2021 9:48:00 PM	64059
Toluene	ND	0.049		mg/Kg	1	11/22/2021 9:48:00 PM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/22/2021 9:48:00 PM	64059
Xylenes, Total	ND	0.098		mg/Kg	1	11/22/2021 9:48:00 PM	64059
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	11/22/2021 9:48:00 PM	64059

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

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

Page 1 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-9A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 11:50:00 AM

Lab ID: 2111A15-002

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	120	60		mg/Kg	20	11/22/2021 7:06:57 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/30/2021 10:29:17 PM	64176
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/30/2021 10:29:17 PM	64176
Surr: DNOP	101	70-130		%Rec	1	11/30/2021 10:29:17 PM	64176
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/22/2021 10:07:00 PM	64059
Surr: BFB	93.5	70-130		%Rec	1	11/22/2021 10:07:00 PM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/22/2021 10:07:00 PM	64059
Toluene	ND	0.049		mg/Kg	1	11/22/2021 10:07:00 PM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/22/2021 10:07:00 PM	64059
Xylenes, Total	ND	0.099		mg/Kg	1	11/22/2021 10:07:00 PM	64059
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	11/22/2021 10:07:00 PM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-1A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:15:00 PM

Lab ID: 2111A15-003

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	560	60		mg/Kg	20	11/22/2021 7:19:21 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	160	9.0		mg/Kg	1	11/24/2021 10:46:34 AM	64083
Motor Oil Range Organics (MRO)	370	45		mg/Kg	1	11/24/2021 10:46:34 AM	64083
Surr: DNOP	103	70-130		%Rec	1	11/24/2021 10:46:34 AM	64083
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/22/2021 10:27:00 PM	64059
Surr: BFB	95.7	70-130		%Rec	1	11/22/2021 10:27:00 PM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/22/2021 10:27:00 PM	64059
Toluene	ND	0.049		mg/Kg	1	11/22/2021 10:27:00 PM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/22/2021 10:27:00 PM	64059
Xylenes, Total	ND	0.098		mg/Kg	1	11/22/2021 10:27:00 PM	64059
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	11/22/2021 10:27:00 PM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-2A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:20:00 PM

Lab ID: 2111A15-004

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	320	60		mg/Kg	20	11/22/2021 7:31:46 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	9.4	7.2		mg/Kg	1	11/23/2021 10:05:29 AM	64084
Motor Oil Range Organics (MRO)	160	36		mg/Kg	1	11/23/2021 10:05:29 AM	64084
Surr: DNOP	87.2	70-130		%Rec	1	11/23/2021 10:05:29 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2021 10:47:00 PM	64059
Surr: BFB	96.9	70-130		%Rec	1	11/22/2021 10:47:00 PM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/22/2021 10:47:00 PM	64059
Toluene	ND	0.050		mg/Kg	1	11/22/2021 10:47:00 PM	64059
Ethylbenzene	ND	0.050		mg/Kg	1	11/22/2021 10:47:00 PM	64059
Xylenes, Total	ND	0.099		mg/Kg	1	11/22/2021 10:47:00 PM	64059
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	11/22/2021 10:47:00 PM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-3A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:42:00 PM

Lab ID: 2111A15-005

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	190	60		mg/Kg	20	11/22/2021 7:44:11 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	69	7.8		mg/Kg	1	11/23/2021 10:37:03 AM	64084
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	11/23/2021 10:37:03 AM	64084
Surr: DNOP	126	70-130		%Rec	1	11/23/2021 10:37:03 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2021 11:06:00 PM	64059
Surr: BFB	100	70-130		%Rec	1	11/22/2021 11:06:00 PM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/22/2021 11:06:00 PM	64059
Toluene	ND	0.050		mg/Kg	1	11/22/2021 11:06:00 PM	64059
Ethylbenzene	ND	0.050		mg/Kg	1	11/22/2021 11:06:00 PM	64059
Xylenes, Total	ND	0.099		mg/Kg	1	11/22/2021 11:06:00 PM	64059
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	11/22/2021 11:06:00 PM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-6A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:46:00 PM

Lab ID: 2111A15-006

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	300	60		mg/Kg	20	11/22/2021 7:56:36 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/23/2021 10:47:35 AM	64084
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/23/2021 10:47:35 AM	64084
Surr: DNOP	99.2	70-130		%Rec	1	11/23/2021 10:47:35 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/22/2021 11:26:00 PM	64059
Surr: BFB	96.1	70-130		%Rec	1	11/22/2021 11:26:00 PM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/22/2021 11:26:00 PM	64059
Toluene	ND	0.049		mg/Kg	1	11/22/2021 11:26:00 PM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/22/2021 11:26:00 PM	64059
Xylenes, Total	ND	0.099		mg/Kg	1	11/22/2021 11:26:00 PM	64059
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	11/22/2021 11:26:00 PM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-12A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 8:55:00 AM

Lab ID: 2111A15-007

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	120	59		mg/Kg	20	11/22/2021 8:09:00 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/23/2021 10:58:11 AM	64084
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/23/2021 10:58:11 AM	64084
Surr: DNOP	101	70-130		%Rec	1	11/23/2021 10:58:11 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 12:24:00 AM	64059
Surr: BFB	97.5	70-130		%Rec	1	11/23/2021 12:24:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 12:24:00 AM	64059
Toluene	ND	0.049		mg/Kg	1	11/23/2021 12:24:00 AM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 12:24:00 AM	64059
Xylenes, Total	ND	0.099		mg/Kg	1	11/23/2021 12:24:00 AM	64059
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	11/23/2021 12:24:00 AM	64059

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

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

Page 7 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-1A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:52:00 PM

Lab ID: 2111A15-008

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	120	60		mg/Kg	20	11/22/2021 9:11:03 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	14	9.3		mg/Kg	1	11/23/2021 11:08:45 AM	64084
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/23/2021 11:08:45 AM	64084
Surr: DNOP	114	70-130		%Rec	1	11/23/2021 11:08:45 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 12:44:00 AM	64059
Surr: BFB	94.3	70-130		%Rec	1	11/23/2021 12:44:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 12:44:00 AM	64059
Toluene	ND	0.049		mg/Kg	1	11/23/2021 12:44:00 AM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 12:44:00 AM	64059
Xylenes, Total	ND	0.099		mg/Kg	1	11/23/2021 12:44:00 AM	64059
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	11/23/2021 12:44:00 AM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-2A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:59:00 PM

Lab ID: 2111A15-009

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	69	60		mg/Kg	20	11/22/2021 9:23:28 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.7		mg/Kg	1	11/23/2021 11:19:20 AM	64084
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	11/23/2021 11:19:20 AM	64084
Surr: DNOP	95.8	70-130		%Rec	1	11/23/2021 11:19:20 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 1:04:00 AM	64059
Surr: BFB	96.5	70-130		%Rec	1	11/23/2021 1:04:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 1:04:00 AM	64059
Toluene	ND	0.050		mg/Kg	1	11/23/2021 1:04:00 AM	64059
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 1:04:00 AM	64059
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 1:04:00 AM	64059
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	11/23/2021 1:04:00 AM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-3A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:02:00 PM

Lab ID: 2111A15-010

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	120	60		mg/Kg	20	11/22/2021 9:35:52 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.4		mg/Kg	1	11/23/2021 11:29:54 AM	64084
Motor Oil Range Organics (MRO)	ND	37		mg/Kg	1	11/23/2021 11:29:54 AM	64084
Surr: DNOP	117	70-130		%Rec	1	11/23/2021 11:29:54 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 1:23:00 AM	64059
Surr: BFB	97.3	70-130		%Rec	1	11/23/2021 1:23:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 1:23:00 AM	64059
Toluene	ND	0.049		mg/Kg	1	11/23/2021 1:23:00 AM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 1:23:00 AM	64059
Xylenes, Total	ND	0.099		mg/Kg	1	11/23/2021 1:23:00 AM	64059
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	11/23/2021 1:23:00 AM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-5A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:11:00 PM

Lab ID: 2111A15-011

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	440	60		mg/Kg	20	11/22/2021 9:48:17 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	6.9		mg/Kg	1	11/23/2021 11:40:30 AM	64084
Motor Oil Range Organics (MRO)	ND	34		mg/Kg	1	11/23/2021 11:40:30 AM	64084
Surr: DNOP	109	70-130		%Rec	1	11/23/2021 11:40:30 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 1:43:00 AM	64059
Surr: BFB	95.2	70-130		%Rec	1	11/23/2021 1:43:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 1:43:00 AM	64059
Toluene	ND	0.050		mg/Kg	1	11/23/2021 1:43:00 AM	64059
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 1:43:00 AM	64059
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 1:43:00 AM	64059
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	11/23/2021 1:43:00 AM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-7A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:37:00 PM

Lab ID: 2111A15-012

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	150	60		mg/Kg	20	11/22/2021 10:00:42 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	11/23/2021 11:51:09 AM	64084
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	11/23/2021 11:51:09 AM	64084
Surr: DNOP	121	70-130		%Rec	1	11/23/2021 11:51:09 AM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 2:02:00 AM	64059
Surr: BFB	94.5	70-130		%Rec	1	11/23/2021 2:02:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 2:02:00 AM	64059
Toluene	ND	0.049		mg/Kg	1	11/23/2021 2:02:00 AM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 2:02:00 AM	64059
Xylenes, Total	ND	0.098		mg/Kg	1	11/23/2021 2:02:00 AM	64059
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	11/23/2021 2:02:00 AM	64059

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

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

Page 12 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-8A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:40:00 PM

Lab ID: 2111A15-013

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	620	60		mg/Kg	20	11/22/2021 10:13:07 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	9.2		mg/Kg	1	11/23/2021 12:01:49 PM	64084
Motor Oil Range Organics (MRO)	340	46		mg/Kg	1	11/23/2021 12:01:49 PM	64084
Surr: DNOP	117	70-130		%Rec	1	11/23/2021 12:01:49 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 2:22:00 AM	64059
Surr: BFB	97.0	70-130		%Rec	1	11/23/2021 2:22:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/23/2021 2:22:00 AM	64059
Toluene	ND	0.049		mg/Kg	1	11/23/2021 2:22:00 AM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 2:22:00 AM	64059
Xylenes, Total	ND	0.097		mg/Kg	1	11/23/2021 2:22:00 AM	64059
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	11/23/2021 2:22:00 AM	64059

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

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

Page 13 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-9A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:43:00 PM

Lab ID: 2111A15-014

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	65	60		mg/Kg	20	11/22/2021 10:25:32 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/23/2021 12:12:26 PM	64084
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/23/2021 12:12:26 PM	64084
Surr: DNOP	108	70-130		%Rec	1	11/23/2021 12:12:26 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 2:41:00 AM	64059
Surr: BFB	93.3	70-130		%Rec	1	11/23/2021 2:41:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/23/2021 2:41:00 AM	64059
Toluene	ND	0.049		mg/Kg	1	11/23/2021 2:41:00 AM	64059
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 2:41:00 AM	64059
Xylenes, Total	ND	0.098		mg/Kg	1	11/23/2021 2:41:00 AM	64059
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	11/23/2021 2:41:00 AM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-10A

Project: Donahue Federal SWD 1

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

Lab ID: 2111A15-015

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	300	60		mg/Kg	20	11/22/2021 10:37:56 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.1		mg/Kg	1	11/23/2021 12:23:04 PM	64084
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	11/23/2021 12:23:04 PM	64084
Surr: DNOP	119	70-130		%Rec	1	11/23/2021 12:23:04 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 3:01:00 AM	64059
Surr: BFB	94.5	70-130		%Rec	1	11/23/2021 3:01:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 3:01:00 AM	64059
Toluene	ND	0.050		mg/Kg	1	11/23/2021 3:01:00 AM	64059
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 3:01:00 AM	64059
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 3:01:00 AM	64059
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	11/23/2021 3:01:00 AM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-E-11A

Project: Donahue Federal SWD 1

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

Lab ID: 2111A15-016

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	90	61		mg/Kg	20	11/22/2021 10:50:22 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.6		mg/Kg	1	11/23/2021 12:33:42 PM	64084
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	11/23/2021 12:33:42 PM	64084
Surr: DNOP	110	70-130		%Rec	1	11/23/2021 12:33:42 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 3:20:00 AM	64059
Surr: BFB	96.0	70-130		%Rec	1	11/23/2021 3:20:00 AM	64059
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/23/2021 3:20:00 AM	64059
Toluene	ND	0.050		mg/Kg	1	11/23/2021 3:20:00 AM	64059
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 3:20:00 AM	64059
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 3:20:00 AM	64059
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	11/23/2021 3:20:00 AM	64059

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-3A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:56:00 PM

Lab ID: 2111A15-017

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	200	61		mg/Kg	20	11/22/2021 11:02:46 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.2		mg/Kg	1	11/23/2021 12:44:21 PM	64084
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	11/23/2021 12:44:21 PM	64084
Surr: DNOP	87.6	70-130		%Rec	1	11/23/2021 12:44:21 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/22/2021 11:32:38 PM	64066
Surr: BFB	97.7	70-130		%Rec	1	11/22/2021 11:32:38 PM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/22/2021 11:32:38 PM	64066
Toluene	ND	0.049		mg/Kg	1	11/22/2021 11:32:38 PM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/22/2021 11:32:38 PM	64066
Xylenes, Total	ND	0.098		mg/Kg	1	11/22/2021 11:32:38 PM	64066
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	11/22/2021 11:32:38 PM	64066

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

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

Page 17 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-4A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:01:00 PM

Lab ID: 2111A15-018

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	160	60		mg/Kg	20	11/22/2021 11:40:00 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	12	8.6		mg/Kg	1	11/23/2021 12:55:10 PM	64084
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	11/23/2021 12:55:10 PM	64084
Surr: DNOP	120	70-130		%Rec	1	11/23/2021 12:55:10 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 12:42:30 AM	64066
Surr: BFB	95.0	70-130		%Rec	1	11/23/2021 12:42:30 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 12:42:30 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/23/2021 12:42:30 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 12:42:30 AM	64066
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 12:42:30 AM	64066
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	11/23/2021 12:42:30 AM	64066

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

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

Page 18 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-8A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:15:00 PM

Lab ID: 2111A15-019

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	410	60		mg/Kg	20	11/22/2021 11:52:25 PM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.7		mg/Kg	1	11/23/2021 1:05:57 PM	64084
Motor Oil Range Organics (MRO)	ND	34		mg/Kg	1	11/23/2021 1:05:57 PM	64084
Surr: DNOP	111	70-130		%Rec	1	11/23/2021 1:05:57 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 1:52:15 AM	64066
Surr: BFB	95.5	70-130		%Rec	1	11/23/2021 1:52:15 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 1:52:15 AM	64066
Toluene	ND	0.049		mg/Kg	1	11/23/2021 1:52:15 AM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 1:52:15 AM	64066
Xylenes, Total	ND	0.098		mg/Kg	1	11/23/2021 1:52:15 AM	64066
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	11/23/2021 1:52:15 AM	64066

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-F-10A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:23:00 PM

Lab ID: 2111A15-020

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	61		mg/Kg	20	11/23/2021 12:04:49 AM	64097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.1		mg/Kg	1	11/23/2021 1:16:45 PM	64084
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	11/23/2021 1:16:45 PM	64084
Surr: DNOP	126	70-130		%Rec	1	11/23/2021 1:16:45 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 2:15:28 AM	64066
Surr: BFB	96.1	70-130		%Rec	1	11/23/2021 2:15:28 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 2:15:28 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/23/2021 2:15:28 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 2:15:28 AM	64066
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 2:15:28 AM	64066
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	11/23/2021 2:15:28 AM	64066

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

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

Page 20 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-6A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:30:00 PM

Lab ID: 2111A15-021

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	11/22/2021 10:31:32 PM	64111
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.8		mg/Kg	1	11/23/2021 1:27:30 PM	64084
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	11/23/2021 1:27:30 PM	64084
Surr: DNOP	108	70-130		%Rec	1	11/23/2021 1:27:30 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 2:38:37 AM	64066
Surr: BFB	93.9	70-130		%Rec	1	11/23/2021 2:38:37 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 2:38:37 AM	64066
Toluene	ND	0.049		mg/Kg	1	11/23/2021 2:38:37 AM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 2:38:37 AM	64066
Xylenes, Total	ND	0.099		mg/Kg	1	11/23/2021 2:38:37 AM	64066
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	11/23/2021 2:38:37 AM	64066

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-7A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:38:00 PM

Lab ID: 2111A15-022

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	250	60		mg/Kg	20	11/22/2021 10:43:56 PM	64111
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	11/23/2021 1:38:14 PM	64084
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	11/23/2021 1:38:14 PM	64084
Surr: DNOP	96.0	70-130		%Rec	1	11/23/2021 1:38:14 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 3:01:50 AM	64066
Surr: BFB	93.9	70-130		%Rec	1	11/23/2021 3:01:50 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 3:01:50 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/23/2021 3:01:50 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 3:01:50 AM	64066
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 3:01:50 AM	64066
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	11/23/2021 3:01:50 AM	64066

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

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

Page 22 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-8A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:40:00 PM

Lab ID: 2111A15-023

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	210	60		mg/Kg	20	11/22/2021 11:21:09 PM	64111
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.6		mg/Kg	1	11/23/2021 1:48:58 PM	64084
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	11/23/2021 1:48:58 PM	64084
Surr: DNOP	123	70-130		%Rec	1	11/23/2021 1:48:58 PM	64084
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/23/2021 3:25:00 AM	64066
Surr: BFB	95.4	70-130		%Rec	1	11/23/2021 3:25:00 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/23/2021 3:25:00 AM	64066
Toluene	ND	0.048		mg/Kg	1	11/23/2021 3:25:00 AM	64066
Ethylbenzene	ND	0.048		mg/Kg	1	11/23/2021 3:25:00 AM	64066
Xylenes, Total	ND	0.096		mg/Kg	1	11/23/2021 3:25:00 AM	64066
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	11/23/2021 3:25:00 AM	64066

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-4A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:54:00 PM

Lab ID: 2111A15-024

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	11/22/2021 11:33:34 PM	64111
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.1		mg/Kg	1	11/24/2021 3:35:36 AM	64085
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	11/24/2021 3:35:36 AM	64085
Surr: DNOP	106	70-130		%Rec	1	11/24/2021 3:35:36 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 3:48:11 AM	64066
Surr: BFB	95.3	70-130		%Rec	1	11/23/2021 3:48:11 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 3:48:11 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/23/2021 3:48:11 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 3:48:11 AM	64066
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 3:48:11 AM	64066
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	11/23/2021 3:48:11 AM	64066

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

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

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-5A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 3:06:00 PM

Lab ID: 2111A15-025

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	110	60		mg/Kg	20	11/22/2021 11:45:58 PM	64111
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.1		mg/Kg	1	11/24/2021 3:46:07 AM	64085
Motor Oil Range Organics (MRO)	ND	35		mg/Kg	1	11/24/2021 3:46:07 AM	64085
Surr: DNOP	101	70-130		%Rec	1	11/24/2021 3:46:07 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 4:11:23 AM	64066
Surr: BFB	94.7	70-130		%Rec	1	11/23/2021 4:11:23 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 4:11:23 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/23/2021 4:11:23 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 4:11:23 AM	64066
Xylenes, Total	ND	0.10		mg/Kg	1	11/23/2021 4:11:23 AM	64066
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	11/23/2021 4:11:23 AM	64066

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

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

Page 25 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-6A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 2:59:00 PM

Lab ID: 2111A15-026

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	140	60		mg/Kg	20	11/22/2021 11:58:22 PM	64111
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.2		mg/Kg	1	11/24/2021 3:56:40 AM	64085
Motor Oil Range Organics (MRO)	ND	36		mg/Kg	1	11/24/2021 3:56:40 AM	64085
Surr: DNOP	105	70-130		%Rec	1	11/24/2021 3:56:40 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2021 11:18:18 PM	64066
Surr: BFB	101	70-130		%Rec	1	11/23/2021 11:18:18 PM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 11:18:18 PM	64066
Toluene	ND	0.050		mg/Kg	1	11/23/2021 11:18:18 PM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/23/2021 11:18:18 PM	64066
Xylenes, Total	ND	0.099		mg/Kg	1	11/23/2021 11:18:18 PM	64066
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	11/23/2021 11:18:18 PM	64066

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

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

Page 26 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-H-7A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 3:08:00 PM

Lab ID: 2111A15-027

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	360	59		mg/Kg	20	11/23/2021 2:08:28 PM	64122
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.1		mg/Kg	1	11/24/2021 4:07:21 AM	64085
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	11/24/2021 4:07:21 AM	64085
Surr: DNOP	109	70-130		%Rec	1	11/24/2021 4:07:21 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/23/2021 11:41:43 PM	64066
Surr: BFB	101	70-130		%Rec	1	11/23/2021 11:41:43 PM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2021 11:41:43 PM	64066
Toluene	ND	0.049		mg/Kg	1	11/23/2021 11:41:43 PM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/23/2021 11:41:43 PM	64066
Xylenes, Total	ND	0.099		mg/Kg	1	11/23/2021 11:41:43 PM	64066
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	11/23/2021 11:41:43 PM	64066

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

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

Page 27 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-4A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:17:00 PM

Lab ID: 2111A15-028

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	130	60		mg/Kg	20	11/23/2021 2:20:50 PM	64122
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.7		mg/Kg	1	11/24/2021 4:18:00 AM	64085
Motor Oil Range Organics (MRO)	ND	33		mg/Kg	1	11/24/2021 4:18:00 AM	64085
Surr: DNOP	108	70-130		%Rec	1	11/24/2021 4:18:00 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 12:05:15 AM	64066
Surr: BFB	104	70-130		%Rec	1	11/24/2021 12:05:15 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 12:05:15 AM	64066
Toluene	ND	0.049		mg/Kg	1	11/24/2021 12:05:15 AM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 12:05:15 AM	64066
Xylenes, Total	ND	0.098		mg/Kg	1	11/24/2021 12:05:15 AM	64066
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/24/2021 12:05:15 AM	64066

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

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

Page 28 of 34

Analytical Report

Lab Order 2111A15

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-J-1A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:18:00 PM

Lab ID: 2111A15-029

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	11/23/2021 2:57:52 PM	64122
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/24/2021 4:28:38 AM	64085
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/24/2021 4:28:38 AM	64085
Surr: DNOP	115	70-130		%Rec	1	11/24/2021 4:28:38 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 12:28:37 AM	64066
Surr: BFB	100	70-130		%Rec	1	11/24/2021 12:28:37 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 12:28:37 AM	64066
Toluene	ND	0.049		mg/Kg	1	11/24/2021 12:28:37 AM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 12:28:37 AM	64066
Xylenes, Total	ND	0.097		mg/Kg	1	11/24/2021 12:28:37 AM	64066
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	11/24/2021 12:28:37 AM	64066

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

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

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

WO#: 2111A15

08-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-64097	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64097	RunNo: 83049								
Prep Date: 11/22/2021	Analysis Date: 11/22/2021	SeqNo: 2950105	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64097	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64097	RunNo: 83049								
Prep Date: 11/22/2021	Analysis Date: 11/22/2021	SeqNo: 2950106	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.0	90	110			

Sample ID: MB-64111	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64111	RunNo: 83063								
Prep Date: 11/22/2021	Analysis Date: 11/22/2021	SeqNo: 2950415	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64111	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64111	RunNo: 83063								
Prep Date: 11/22/2021	Analysis Date: 11/22/2021	SeqNo: 2950416	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	90	110			

Sample ID: MB-64122	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64122	RunNo: 83084								
Prep Date: 11/23/2021	Analysis Date: 11/23/2021	SeqNo: 2951448	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64122	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64122	RunNo: 83084								
Prep Date: 11/23/2021	Analysis Date: 11/23/2021	SeqNo: 2951449	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.2	90	110			

Qualifiers:

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

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

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

WO#: 2111A15

08-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-64083	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 64083			RunNo: 83031						
Prep Date: 11/22/2021	Analysis Date: 11/22/2021			SeqNo: 2948818		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.5	68.9	135			
Surr: DNOP	4.6		5.000		91.6	70	130			

Sample ID: LCS-64085	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 64085			RunNo: 83061						
Prep Date: 11/22/2021	Analysis Date: 11/23/2021			SeqNo: 2951758		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.1	68.9	135			
Surr: DNOP	4.2		5.000		84.2	70	130			

Sample ID: LCS-64084	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 64084			RunNo: 83061						
Prep Date: 11/22/2021	Analysis Date: 11/23/2021			SeqNo: 2951762		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	106	68.9	135			
Surr: DNOP	5.8		5.000		115	70	130			

Sample ID: MB-64085	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 64085			RunNo: 83061						
Prep Date: 11/22/2021	Analysis Date: 11/23/2021			SeqNo: 2951763		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		95.9	70	130			

Sample ID: MB-64084	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 64084			RunNo: 83061						
Prep Date: 11/22/2021	Analysis Date: 11/23/2021			SeqNo: 2951765		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.7	70	130			

Qualifiers:

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

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

WO#: 2111A15

08-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-64083	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64083	RunNo: 83097								
Prep Date: 11/22/2021	Analysis Date: 11/24/2021	SeqNo: 2952063	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		111	70	130			

Sample ID: LCS-64176	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64176	RunNo: 83165								
Prep Date: 11/29/2021	Analysis Date: 12/1/2021	SeqNo: 2956172	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	82.9	68.9	135			
Surr: DNOP	4.1		5.000		81.8	70	130			

Sample ID: MB-64176	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64176	RunNo: 83165								
Prep Date: 11/29/2021	Analysis Date: 12/1/2021	SeqNo: 2956176	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.1	70	130			

Qualifiers:

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

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

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

WO#: 2111A15

08-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-64059	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64059			RunNo: 83039						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949167		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		95.6	70	130			

Sample ID: lcs-64059	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64059			RunNo: 83039						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949169		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	78.6	131			
Surr: BFB	1100		1000		107	70	130			

Sample ID: mb-64066	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64066			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/23/2021			SeqNo: 2949294		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.3	70	130			

Sample ID: lcs-64066	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64066			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949295		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.2	78.6	131			
Surr: BFB	1100		1000		110	70	130			

Qualifiers:

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

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

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

WO#: 2111A15

08-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-64059	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64059	RunNo: 83039								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949222	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.5	70	130			

Sample ID: lcs-64059	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64059	RunNo: 83039								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949224	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.8	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.3	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.2	70	130			

Sample ID: mb-64066	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64066	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/23/2021	SeqNo: 2949341	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.0	70	130			

Sample ID: LCS-64066	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64066	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949342	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.4	80	120			
Toluene	0.92	0.050	1.000	0	91.9	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2111A15

RcptNo: 1

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

Completed By: Isaiah Ortiz 11/19/2021 10:53:23 AM

Reviewed By: SGC 11/19/21

Chad
I-OK

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: TMC 11/19/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.8	Good	Not Present			
2	1.3	Good	Not Present			
3	0.6	Good	Not Present			

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Donahue Federal Swo #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf / W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CP): See Attached

Container Type and #

Preservative Type

HEAL No.

2111A1S

1 x 4oz Jar

013

014

015

016

017

018

019

020

021

022

023

024

025

026

027

028

029

030

031

032

033

034

035

036

037

038

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Donahue Federal Swo #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf / W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CP): See Attached

Container Type and #

Preservative Type

HEAL No.

2111A1S

1 x 4oz Jar

013

014

015

016

017

018

019

020

021

022

023

024

025

026

027

028

029

030

031

032

033

034

035

036

037

038

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Donahue Federal Swo #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf / W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CP): See Attached

Container Type and #

Preservative Type

HEAL No.

2111A1S

1 x 4oz Jar

013

014

015

016

017

018

019

020

021

022

023

024

025

026

027

028

029

030

031

032

033

034

035

036

037

038

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Donahue Federal Swo #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf / W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CP): See Attached

Container Type and #

Preservative Type

HEAL No.

2111A1S

1 x 4oz Jar

013

014

015

016

017

018

019

020

021

022

023

024

025

026

027

028

029

030

031

032

033

034

035

036

037

038

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Donahue Federal Swo #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kierdorf / W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 3

Cooler Temp (including CP): See Attached

Container Type and #

Preservative Type

HEAL No.

2111A1S

1 x 4oz Jar

013

014

015

016

017

018

019

020

021

022

023

024

025

026

027

028

029

030

031

032

033

034

035

036

037

038

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

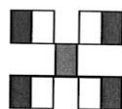
Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

304



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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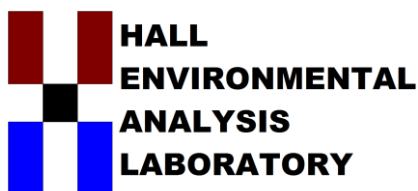
4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record				Turn-Around Time:			
Client: EOG-Artesia / Ranger Env.				☒ Standard ☐ Rush			
				Project Name: DOMINIC FEDERAL SWD #1			
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210							
Ranger: PO Box 201179, Austin TX 78720				Project #: 5375			
Phone #: 521-335-1785							
email or Fax#: Will@RangerEnv.com				Project Manager: W. Kierdorf			
QA/QC Package:							
☒ Standard ☐ Level 4 (Full Validation)							
Accreditation: ☐ Az Compliance							
☒ NELAC ☐ Other _____							
☒ EDD (Type) _____ Excel _____							
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	
11/19/21	1506	SOLZ	P-H-SA	1 x 4oz Jar	ZEE	025	
	1459		P-H-5A			026	
	1508		P-H-7A			027	
	1317		P-T-4A			028	
	1318		P-J-1A			029	
Date: 11/18/21	Time: 1115	Relinquished by: [Signature]		Via:	Date: 11/18/21	Time: 1115	R: 7
Date: 11/18/21	Time: 1900	Relinquished by: [Signature]		Via:	Date: 11/18/21	Time: 0800	

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



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

December 17, 2021

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Donahue Federal SWD 1

OrderNo.: 2111A39

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 49 sample(s) on 11/19/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued December 8, 2021.

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,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: A-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:09:00 AM

Lab ID: 2111A39-001

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/23/2021 2:47:22 PM	64128
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	60	8.4		mg/Kg	1	11/24/2021 4:39:14 AM	64085
Motor Oil Range Organics (MRO)	170	42		mg/Kg	1	11/24/2021 4:39:14 AM	64085
Surr: DNOP	112	70-130		%Rec	1	11/24/2021 4:39:14 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 12:52:08 AM	64066
Surr: BFB	103	70-130		%Rec	1	11/24/2021 12:52:08 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 12:52:08 AM	64066
Toluene	ND	0.047		mg/Kg	1	11/24/2021 12:52:08 AM	64066
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 12:52:08 AM	64066
Xylenes, Total	ND	0.094		mg/Kg	1	11/24/2021 12:52:08 AM	64066
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/24/2021 12:52:08 AM	64066

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

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

Page 1 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: AW-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:11:00 AM

Lab ID: 2111A39-002

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	59		mg/Kg	20	11/23/2021 2:59:48 PM	64128
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/24/2021 5:00:13 AM	64085
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/24/2021 5:00:13 AM	64085
Surr: DNOP	91.1	70-130		%Rec	1	11/24/2021 5:00:13 AM	64085
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 1:15:22 AM	64066
Surr: BFB	103	70-130		%Rec	1	11/24/2021 1:15:22 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 1:15:22 AM	64066
Toluene	ND	0.049		mg/Kg	1	11/24/2021 1:15:22 AM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 1:15:22 AM	64066
Xylenes, Total	ND	0.098		mg/Kg	1	11/24/2021 1:15:22 AM	64066
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/24/2021 1:15:22 AM	64066

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

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

Page 2 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: AW-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:15:00 AM

Lab ID: 2111A39-003

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	59		mg/Kg	20	11/24/2021 12:22:43 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	26	8.9		mg/Kg	1	11/24/2021 1:29:18 PM	64120
Motor Oil Range Organics (MRO)	70	44		mg/Kg	1	11/24/2021 1:29:18 PM	64120
Surr: DNOP	127	70-130		%Rec	1	11/24/2021 1:29:18 PM	64120
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2021 1:38:53 AM	64066
Surr: BFB	99.7	70-130		%Rec	1	11/24/2021 1:38:53 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 1:38:53 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/24/2021 1:38:53 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/24/2021 1:38:53 AM	64066
Xylenes, Total	ND	0.10		mg/Kg	1	11/24/2021 1:38:53 AM	64066
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	11/24/2021 1:38:53 AM	64066

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

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

Page 3 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:35:00 AM

Lab ID: 2111A39-004

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 12:35:05 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/24/2021 1:39:57 PM	64120
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/24/2021 1:39:57 PM	64120
Surr: DNOP	105	70-130		%Rec	1	11/24/2021 1:39:57 PM	64120
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 2:02:24 AM	64066
Surr: BFB	102	70-130		%Rec	1	11/24/2021 2:02:24 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 2:02:24 AM	64066
Toluene	ND	0.047		mg/Kg	1	11/24/2021 2:02:24 AM	64066
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 2:02:24 AM	64066
Xylenes, Total	ND	0.094		mg/Kg	1	11/24/2021 2:02:24 AM	64066
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/24/2021 2:02:24 AM	64066

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

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

Page 4 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:41:00 AM

Lab ID: 2111A39-005

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 12:47:26 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	8.6	7.3		mg/Kg	1	11/24/2021 1:50:38 PM	64120
Motor Oil Range Organics (MRO)	ND	36		mg/Kg	1	11/24/2021 1:50:38 PM	64120
Surr: DNOP	125	70-130		%Rec	1	11/24/2021 1:50:38 PM	64120
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 2:25:58 AM	64066
Surr: BFB	104	70-130		%Rec	1	11/24/2021 2:25:58 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 2:25:58 AM	64066
Toluene	ND	0.049		mg/Kg	1	11/24/2021 2:25:58 AM	64066
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 2:25:58 AM	64066
Xylenes, Total	ND	0.099		mg/Kg	1	11/24/2021 2:25:58 AM	64066
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/24/2021 2:25:58 AM	64066

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

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

Page 5 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-3

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:45:00 AM

Lab ID: 2111A39-006

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	61		mg/Kg	20	11/24/2021 12:59:47 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/24/2021 2:01:21 PM	64120
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/24/2021 2:01:21 PM	64120
Surr: DNOP	94.6	70-130		%Rec	1	11/24/2021 2:01:21 PM	64120
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2021 2:49:20 AM	64066
Surr: BFB	102	70-130		%Rec	1	11/24/2021 2:49:20 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 2:49:20 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/24/2021 2:49:20 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/24/2021 2:49:20 AM	64066
Xylenes, Total	ND	0.099		mg/Kg	1	11/24/2021 2:49:20 AM	64066
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/24/2021 2:49:20 AM	64066

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

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

Page 6 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-4

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:50:00 AM

Lab ID: 2111A39-007

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 1:12:07 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/24/2021 2:12:04 PM	64120
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/24/2021 2:12:04 PM	64120
Surr: DNOP	90.5	70-130		%Rec	1	11/24/2021 2:12:04 PM	64120
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2021 3:36:20 AM	64066
Surr: BFB	102	70-130		%Rec	1	11/24/2021 3:36:20 AM	64066
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 3:36:20 AM	64066
Toluene	ND	0.050		mg/Kg	1	11/24/2021 3:36:20 AM	64066
Ethylbenzene	ND	0.050		mg/Kg	1	11/24/2021 3:36:20 AM	64066
Xylenes, Total	ND	0.099		mg/Kg	1	11/24/2021 3:36:20 AM	64066
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/24/2021 3:36:20 AM	64066

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

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

Page 7 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-5

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 7:55:00 AM

Lab ID: 2111A39-008

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 1:24:29 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.7		mg/Kg	1	11/30/2021 4:27:52 PM	64150
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	11/30/2021 4:27:52 PM	64150
Surr: DNOP	98.8	70-130		%Rec	1	11/30/2021 4:27:52 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2021 11:18:06 AM	64130
Surr: BFB	103	70-130		%Rec	1	11/24/2021 11:18:06 AM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 11:18:06 AM	64130
Toluene	ND	0.050		mg/Kg	1	11/24/2021 11:18:06 AM	64130
Ethylbenzene	ND	0.050		mg/Kg	1	11/24/2021 11:18:06 AM	64130
Xylenes, Total	ND	0.10		mg/Kg	1	11/24/2021 11:18:06 AM	64130
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/24/2021 11:18:06 AM	64130

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

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

Page 8 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:01:00 AM

Lab ID: 2111A39-009

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	270	61		mg/Kg	20	11/24/2021 1:36:51 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	57	7.4		mg/Kg	1	11/30/2021 4:59:47 PM	64150
Motor Oil Range Organics (MRO)	90	37		mg/Kg	1	11/30/2021 4:59:47 PM	64150
Surr: DNOP	98.5	70-130		%Rec	1	11/30/2021 4:59:47 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2021 12:28:23 PM	64130
Surr: BFB	99.8	70-130		%Rec	1	11/24/2021 12:28:23 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 12:28:23 PM	64130
Toluene	ND	0.050		mg/Kg	1	11/24/2021 12:28:23 PM	64130
Ethylbenzene	ND	0.050		mg/Kg	1	11/24/2021 12:28:23 PM	64130
Xylenes, Total	ND	0.10		mg/Kg	1	11/24/2021 12:28:23 PM	64130
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	11/24/2021 12:28:23 PM	64130

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

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

Page 9 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:08:00 AM

Lab ID: 2111A39-010

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 2:13:53 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	70	9.4		mg/Kg	1	11/30/2021 5:10:28 PM	64150
Motor Oil Range Organics (MRO)	150	47		mg/Kg	1	11/30/2021 5:10:28 PM	64150
Surr: DNOP	104	70-130		%Rec	1	11/30/2021 5:10:28 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 12:51:55 PM	64130
Surr: BFB	101	70-130		%Rec	1	11/24/2021 12:51:55 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 12:51:55 PM	64130
Toluene	ND	0.049		mg/Kg	1	11/24/2021 12:51:55 PM	64130
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 12:51:55 PM	64130
Xylenes, Total	ND	0.099		mg/Kg	1	11/24/2021 12:51:55 PM	64130
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	11/24/2021 12:51:55 PM	64130

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

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

Page 10 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-3

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:15:00 AM

Lab ID: 2111A39-011

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 2:26:14 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/30/2021 5:21:03 PM	64150
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/30/2021 5:21:03 PM	64150
Surr: DNOP	112	70-130		%Rec	1	11/30/2021 5:21:03 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 1:15:18 PM	64130
Surr: BFB	101	70-130		%Rec	1	11/24/2021 1:15:18 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/24/2021 1:15:18 PM	64130
Toluene	ND	0.047		mg/Kg	1	11/24/2021 1:15:18 PM	64130
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 1:15:18 PM	64130
Xylenes, Total	ND	0.093		mg/Kg	1	11/24/2021 1:15:18 PM	64130
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/24/2021 1:15:18 PM	64130

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

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

Page 11 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-4

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:19:00 AM

Lab ID: 2111A39-012

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 2:38:36 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.0		mg/Kg	1	11/30/2021 5:31:43 PM	64150
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	11/30/2021 5:31:43 PM	64150
Surr: DNOP	91.9	70-130		%Rec	1	11/30/2021 5:31:43 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/24/2021 1:38:39 PM	64130
Surr: BFB	102	70-130		%Rec	1	11/24/2021 1:38:39 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 1:38:39 PM	64130
Toluene	ND	0.048		mg/Kg	1	11/24/2021 1:38:39 PM	64130
Ethylbenzene	ND	0.048		mg/Kg	1	11/24/2021 1:38:39 PM	64130
Xylenes, Total	ND	0.097		mg/Kg	1	11/24/2021 1:38:39 PM	64130
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	11/24/2021 1:38:39 PM	64130

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

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

Page 12 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-5

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:24:00 AM

Lab ID: 2111A39-013

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	420	61		mg/Kg	20	11/24/2021 2:50:58 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/30/2021 5:42:25 PM	64150
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/30/2021 5:42:25 PM	64150
Surr: DNOP	116	70-130		%Rec	1	11/30/2021 5:42:25 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 2:02:13 PM	64130
Surr: BFB	99.6	70-130		%Rec	1	11/24/2021 2:02:13 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 2:02:13 PM	64130
Toluene	ND	0.049		mg/Kg	1	11/24/2021 2:02:13 PM	64130
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 2:02:13 PM	64130
Xylenes, Total	ND	0.098		mg/Kg	1	11/24/2021 2:02:13 PM	64130
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	11/24/2021 2:02:13 PM	64130

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

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

Page 13 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-6

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:27:00 AM

Lab ID: 2111A39-014

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	88	60		mg/Kg	20	11/24/2021 3:03:19 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/30/2021 5:53:08 PM	64150
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/30/2021 5:53:08 PM	64150
Surr: DNOP	94.5	70-130		%Rec	1	11/30/2021 5:53:08 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 2:25:34 PM	64130
Surr: BFB	102	70-130		%Rec	1	11/24/2021 2:25:34 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 2:25:34 PM	64130
Toluene	ND	0.049		mg/Kg	1	11/24/2021 2:25:34 PM	64130
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 2:25:34 PM	64130
Xylenes, Total	ND	0.098		mg/Kg	1	11/24/2021 2:25:34 PM	64130
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/24/2021 2:25:34 PM	64130

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

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

Page 14 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-7

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:31:00 AM

Lab ID: 2111A39-015

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 3:15:41 PM	64155
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/30/2021 6:04:00 PM	64150
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/30/2021 6:04:00 PM	64150
Surr: DNOP	127	70-130		%Rec	1	11/30/2021 6:04:00 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/24/2021 2:49:02 PM	64130
Surr: BFB	103	70-130		%Rec	1	11/24/2021 2:49:02 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 2:49:02 PM	64130
Toluene	ND	0.048		mg/Kg	1	11/24/2021 2:49:02 PM	64130
Ethylbenzene	ND	0.048		mg/Kg	1	11/24/2021 2:49:02 PM	64130
Xylenes, Total	ND	0.095		mg/Kg	1	11/24/2021 2:49:02 PM	64130
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/24/2021 2:49:02 PM	64130

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

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

Page 15 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: BW-8

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 8:33:00 AM

Lab ID: 2111A39-016

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 8:12:13 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.1		mg/Kg	1	11/30/2021 6:14:51 PM	64150
Motor Oil Range Organics (MRO)	ND	35		mg/Kg	1	11/30/2021 6:14:51 PM	64150
Surr: DNOP	100	70-130		%Rec	1	11/30/2021 6:14:51 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2021 3:12:34 PM	64130
Surr: BFB	104	70-130		%Rec	1	11/24/2021 3:12:34 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 3:12:34 PM	64130
Toluene	ND	0.050		mg/Kg	1	11/24/2021 3:12:34 PM	64130
Ethylbenzene	ND	0.050		mg/Kg	1	11/24/2021 3:12:34 PM	64130
Xylenes, Total	ND	0.10		mg/Kg	1	11/24/2021 3:12:34 PM	64130
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/24/2021 3:12:34 PM	64130

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

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

Page 16 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:27:00 AM

Lab ID: 2111A39-017

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 8:49:16 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	53	10		mg/Kg	1	11/30/2021 6:25:42 PM	64150
Motor Oil Range Organics (MRO)	96	50		mg/Kg	1	11/30/2021 6:25:42 PM	64150
Surr: DNOP	95.4	70-130		%Rec	1	11/30/2021 6:25:42 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/24/2021 4:46:53 PM	64130
Surr: BFB	100	70-130		%Rec	1	11/24/2021 4:46:53 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/24/2021 4:46:53 PM	64130
Toluene	ND	0.046		mg/Kg	1	11/24/2021 4:46:53 PM	64130
Ethylbenzene	ND	0.046		mg/Kg	1	11/24/2021 4:46:53 PM	64130
Xylenes, Total	ND	0.093		mg/Kg	1	11/24/2021 4:46:53 PM	64130
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/24/2021 4:46:53 PM	64130

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

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

Page 17 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:31:00 AM

Lab ID: 2111A39-018

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	96	60		mg/Kg	20	11/24/2021 9:01:37 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	21	9.6		mg/Kg	1	12/1/2021 3:09:09 PM	64150
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/1/2021 3:09:09 PM	64150
Surr: DNOP	109	70-130		%Rec	1	12/1/2021 3:09:09 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 5:10:25 PM	64130
Surr: BFB	99.4	70-130		%Rec	1	11/24/2021 5:10:25 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 5:10:25 PM	64130
Toluene	ND	0.047		mg/Kg	1	11/24/2021 5:10:25 PM	64130
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 5:10:25 PM	64130
Xylenes, Total	ND	0.094		mg/Kg	1	11/24/2021 5:10:25 PM	64130
Surr: 4-Bromofluorobenzene	99.9	70-130		%Rec	1	11/24/2021 5:10:25 PM	64130

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

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

Page 18 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-3

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:35:00 AM

Lab ID: 2111A39-019

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 9:38:41 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	30	9.3		mg/Kg	1	11/30/2021 6:57:53 PM	64150
Motor Oil Range Organics (MRO)	84	46		mg/Kg	1	11/30/2021 6:57:53 PM	64150
Surr: DNOP	128	70-130		%Rec	1	11/30/2021 6:57:53 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/24/2021 5:33:54 PM	64130
Surr: BFB	99.1	70-130		%Rec	1	11/24/2021 5:33:54 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 5:33:54 PM	64130
Toluene	ND	0.048		mg/Kg	1	11/24/2021 5:33:54 PM	64130
Ethylbenzene	ND	0.048		mg/Kg	1	11/24/2021 5:33:54 PM	64130
Xylenes, Total	ND	0.096		mg/Kg	1	11/24/2021 5:33:54 PM	64130
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	11/24/2021 5:33:54 PM	64130

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

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

Page 19 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-4

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:40:00 AM

Lab ID: 2111A39-020

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	59		mg/Kg	20	11/24/2021 9:51:02 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	8.7		mg/Kg	1	12/1/2021 3:33:00 PM	64150
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	12/1/2021 3:33:00 PM	64150
Surr: DNOP	111	70-130		%Rec	1	12/1/2021 3:33:00 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2021 5:57:29 PM	64130
Surr: BFB	101	70-130		%Rec	1	11/24/2021 5:57:29 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 5:57:29 PM	64130
Toluene	ND	0.050		mg/Kg	1	11/24/2021 5:57:29 PM	64130
Ethylbenzene	ND	0.050		mg/Kg	1	11/24/2021 5:57:29 PM	64130
Xylenes, Total	ND	0.099		mg/Kg	1	11/24/2021 5:57:29 PM	64130
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	11/24/2021 5:57:29 PM	64130

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

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

Page 20 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-5

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:44:00 AM

Lab ID: 2111A39-021

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	59		mg/Kg	20	11/24/2021 10:03:23 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/30/2021 7:19:25 PM	64150
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/30/2021 7:19:25 PM	64150
Surr: DNOP	113	70-130		%Rec	1	11/30/2021 7:19:25 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 6:21:01 PM	64130
Surr: BFB	100	70-130		%Rec	1	11/24/2021 6:21:01 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/24/2021 6:21:01 PM	64130
Toluene	ND	0.047		mg/Kg	1	11/24/2021 6:21:01 PM	64130
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 6:21:01 PM	64130
Xylenes, Total	ND	0.093		mg/Kg	1	11/24/2021 6:21:01 PM	64130
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	11/24/2021 6:21:01 PM	64130

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

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

Page 21 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-6

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:47:00 AM

Lab ID: 2111A39-022

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 10:15:44 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	47	8.7		mg/Kg	1	11/30/2021 7:30:10 PM	64150
Motor Oil Range Organics (MRO)	110	44		mg/Kg	1	11/30/2021 7:30:10 PM	64150
Surr: DNOP	96.6	70-130		%Rec	1	11/30/2021 7:30:10 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 6:44:29 PM	64130
Surr: BFB	98.9	70-130		%Rec	1	11/24/2021 6:44:29 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/24/2021 6:44:29 PM	64130
Toluene	ND	0.047		mg/Kg	1	11/24/2021 6:44:29 PM	64130
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 6:44:29 PM	64130
Xylenes, Total	ND	0.094		mg/Kg	1	11/24/2021 6:44:29 PM	64130
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	11/24/2021 6:44:29 PM	64130

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

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

Page 22 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-7

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:50:00 AM

Lab ID: 2111A39-023

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 10:28:04 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	76	8.4		mg/Kg	1	11/30/2021 7:51:26 PM	64150
Motor Oil Range Organics (MRO)	190	42		mg/Kg	1	11/30/2021 7:51:26 PM	64150
Surr: DNOP	124	70-130		%Rec	1	11/30/2021 7:51:26 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 7:07:55 PM	64130
Surr: BFB	100	70-130		%Rec	1	11/24/2021 7:07:55 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 7:07:55 PM	64130
Toluene	ND	0.049		mg/Kg	1	11/24/2021 7:07:55 PM	64130
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 7:07:55 PM	64130
Xylenes, Total	ND	0.099		mg/Kg	1	11/24/2021 7:07:55 PM	64130
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/24/2021 7:07:55 PM	64130

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

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

Page 23 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CW-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:10:00 AM

Lab ID: 2111A39-024

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/24/2021 10:40:25 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	64	7.6		mg/Kg	1	11/30/2021 8:12:41 PM	64150
Motor Oil Range Organics (MRO)	130	38		mg/Kg	1	11/30/2021 8:12:41 PM	64150
Surr: DNOP	133	70-130	S	%Rec	1	11/30/2021 8:12:41 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/24/2021 7:31:19 PM	64130
Surr: BFB	100	70-130		%Rec	1	11/24/2021 7:31:19 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 7:31:19 PM	64130
Toluene	ND	0.048		mg/Kg	1	11/24/2021 7:31:19 PM	64130
Ethylbenzene	ND	0.048		mg/Kg	1	11/24/2021 7:31:19 PM	64130
Xylenes, Total	ND	0.096		mg/Kg	1	11/24/2021 7:31:19 PM	64130
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/24/2021 7:31:19 PM	64130

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

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

Page 24 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CW-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 9:10:00 AM

Lab ID: 2111A39-025

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	61		mg/Kg	20	11/24/2021 10:52:47 PM	64170
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	6.5		mg/Kg	1	11/30/2021 9:16:09 PM	64150
Motor Oil Range Organics (MRO)	ND	33		mg/Kg	1	11/30/2021 9:16:09 PM	64150
Surr: DNOP	128	70-130		%Rec	1	11/30/2021 9:16:09 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/24/2021 7:54:53 PM	64130
Surr: BFB	99.1	70-130		%Rec	1	11/24/2021 7:54:53 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 7:54:53 PM	64130
Toluene	ND	0.048		mg/Kg	1	11/24/2021 7:54:53 PM	64130
Ethylbenzene	ND	0.048		mg/Kg	1	11/24/2021 7:54:53 PM	64130
Xylenes, Total	ND	0.095		mg/Kg	1	11/24/2021 7:54:53 PM	64130
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/24/2021 7:54:53 PM	64130

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

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

Page 25 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: D-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 10:30:00 AM

Lab ID: 2111A39-026

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 1:42:41 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	190	9.5		mg/Kg	1	11/30/2021 8:33:53 PM	64150
Motor Oil Range Organics (MRO)	320	48		mg/Kg	1	11/30/2021 8:33:53 PM	64150
Surr: DNOP	136	70-130	S	%Rec	1	11/30/2021 8:33:53 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/24/2021 8:18:12 PM	64130
Surr: BFB	99.8	70-130		%Rec	1	11/24/2021 8:18:12 PM	64130
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/24/2021 8:18:12 PM	64130
Toluene	ND	0.046		mg/Kg	1	11/24/2021 8:18:12 PM	64130
Ethylbenzene	ND	0.046		mg/Kg	1	11/24/2021 8:18:12 PM	64130
Xylenes, Total	ND	0.092		mg/Kg	1	11/24/2021 8:18:12 PM	64130
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	11/24/2021 8:18:12 PM	64130

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

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

Page 26 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: D-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 10:34:00 AM

Lab ID: 2111A39-027

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 1:55:06 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	68	8.9		mg/Kg	1	11/30/2021 8:55:03 PM	64150
Motor Oil Range Organics (MRO)	220	45		mg/Kg	1	11/30/2021 8:55:03 PM	64150
Surr: DNOP	138	70-130	S	%Rec	1	11/30/2021 8:55:03 PM	64150
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/25/2021 12:01:00 AM	64133
Surr: BFB	96.1	70-130		%Rec	1	11/25/2021 12:01:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 4:12:00 PM	64133
Toluene	ND	0.048		mg/Kg	1	11/29/2021 4:12:00 PM	64133
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 4:12:00 PM	64133
Xylenes, Total	ND	0.095		mg/Kg	1	11/29/2021 4:12:00 PM	64133
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	11/29/2021 4:12:00 PM	64133

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

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

Page 27 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 10:44:00 AM

Lab ID: 2111A39-028

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 2:07:30 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/29/2021 12:12:47 PM	64151
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/29/2021 12:12:47 PM	64151
Surr: DNOP	109	70-130		%Rec	1	11/29/2021 12:12:47 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/25/2021 1:00:00 AM	64133
Surr: BFB	94.8	70-130		%Rec	1	11/25/2021 1:00:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/29/2021 4:32:00 PM	64133
Toluene	ND	0.050		mg/Kg	1	11/29/2021 4:32:00 PM	64133
Ethylbenzene	ND	0.050		mg/Kg	1	11/29/2021 4:32:00 PM	64133
Xylenes, Total	ND	0.10		mg/Kg	1	11/29/2021 4:32:00 PM	64133
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	11/29/2021 4:32:00 PM	64133

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

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

Page 28 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 10:40:00 AM

Lab ID: 2111A39-029

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 2:19:54 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	20	9.4		mg/Kg	1	11/29/2021 12:44:17 PM	64151
Motor Oil Range Organics (MRO)	87	47		mg/Kg	1	11/29/2021 12:44:17 PM	64151
Surr: DNOP	91.6	70-130		%Rec	1	11/29/2021 12:44:17 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/25/2021 1:58:00 AM	64133
Surr: BFB	97.7	70-130		%Rec	1	11/25/2021 1:58:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 5:30:00 PM	64133
Toluene	ND	0.046		mg/Kg	1	11/29/2021 5:30:00 PM	64133
Ethylbenzene	ND	0.046		mg/Kg	1	11/29/2021 5:30:00 PM	64133
Xylenes, Total	ND	0.091		mg/Kg	1	11/29/2021 5:30:00 PM	64133
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	11/29/2021 5:30:00 PM	64133

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

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

Page 29 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: E-1

Project: Donahue Federal SWD 1

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

Lab ID: 2111A39-030

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	73	60		mg/Kg	20	11/29/2021 2:32:18 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	11/29/2021 12:54:50 PM	64151
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/29/2021 12:54:50 PM	64151
Surr: DNOP	124	70-130		%Rec	1	11/29/2021 12:54:50 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/25/2021 2:18:00 AM	64133
Surr: BFB	96.6	70-130		%Rec	1	11/25/2021 2:18:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 5:50:00 PM	64133
Toluene	ND	0.046		mg/Kg	1	11/29/2021 5:50:00 PM	64133
Ethylbenzene	ND	0.046		mg/Kg	1	11/29/2021 5:50:00 PM	64133
Xylenes, Total	ND	0.093		mg/Kg	1	11/29/2021 5:50:00 PM	64133
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	11/29/2021 5:50:00 PM	64133

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

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

Page 30 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: E-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 11:39:00 AM

Lab ID: 2111A39-031

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	68	60		mg/Kg	20	11/29/2021 2:44:42 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	29	9.8		mg/Kg	1	11/29/2021 1:05:25 PM	64151
Motor Oil Range Organics (MRO)	52	49		mg/Kg	1	11/29/2021 1:05:25 PM	64151
Surr: DNOP	88.5	70-130		%Rec	1	11/29/2021 1:05:25 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/25/2021 2:38:00 AM	64133
Surr: BFB	95.8	70-130		%Rec	1	11/25/2021 2:38:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 6:10:00 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/29/2021 6:10:00 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 6:10:00 PM	64133
Xylenes, Total	ND	0.094		mg/Kg	1	11/29/2021 6:10:00 PM	64133
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	11/29/2021 6:10:00 PM	64133

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

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

Page 31 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: E-3

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 11:46:00 AM

Lab ID: 2111A39-032

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	110	60		mg/Kg	20	11/29/2021 3:46:44 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	140	8.9		mg/Kg	1	11/30/2021 3:45:29 PM	64151
Motor Oil Range Organics (MRO)	150	44		mg/Kg	1	11/30/2021 3:45:29 PM	64151
Surr: DNOP	97.0	70-130		%Rec	1	11/30/2021 3:45:29 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/25/2021 2:57:00 AM	64133
Surr: BFB	94.0	70-130		%Rec	1	11/25/2021 2:57:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 6:29:00 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/29/2021 6:29:00 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 6:29:00 PM	64133
Xylenes, Total	ND	0.094		mg/Kg	1	11/29/2021 6:29:00 PM	64133
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	11/29/2021 6:29:00 PM	64133

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

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

Page 32 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: E-4

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 11:48:00 AM

Lab ID: 2111A39-033

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 4:23:57 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	230	9.6		mg/Kg	1	11/29/2021 1:26:37 PM	64151
Motor Oil Range Organics (MRO)	290	48		mg/Kg	1	11/29/2021 1:26:37 PM	64151
Surr: DNOP	94.6	70-130		%Rec	1	11/29/2021 1:26:37 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/25/2021 3:56:00 AM	64133
Surr: BFB	90.8	70-130		%Rec	1	11/25/2021 3:56:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 7:28:00 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/29/2021 7:28:00 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 7:28:00 PM	64133
Xylenes, Total	ND	0.093		mg/Kg	1	11/29/2021 7:28:00 PM	64133
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	11/29/2021 7:28:00 PM	64133

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

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

Page 33 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-1

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 11:53:00 AM

Lab ID: 2111A39-034

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	94	60		mg/Kg	20	11/29/2021 4:36:22 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	31	10		mg/Kg	1	11/30/2021 3:13:51 PM	64151
Motor Oil Range Organics (MRO)	70	50		mg/Kg	1	11/30/2021 3:13:51 PM	64151
Surr: DNOP	110	70-130		%Rec	1	11/30/2021 3:13:51 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/25/2021 4:16:00 AM	64133
Surr: BFB	97.4	70-130		%Rec	1	11/25/2021 4:16:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 7:48:00 PM	64133
Toluene	ND	0.048		mg/Kg	1	11/29/2021 7:48:00 PM	64133
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 7:48:00 PM	64133
Xylenes, Total	ND	0.096		mg/Kg	1	11/29/2021 7:48:00 PM	64133
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	11/29/2021 7:48:00 PM	64133

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

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

Page 34 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-2

Project: Donahue Federal SWD 1

Collection Date: 11/17/2021 11:57:00 AM

Lab ID: 2111A39-035

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 4:48:46 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	140	9.8		mg/Kg	1	11/29/2021 1:47:56 PM	64151
Motor Oil Range Organics (MRO)	210	49		mg/Kg	1	11/29/2021 1:47:56 PM	64151
Surr: DNOP	89.7	70-130		%Rec	1	11/29/2021 1:47:56 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/25/2021 4:35:00 AM	64133
Surr: BFB	96.5	70-130		%Rec	1	11/25/2021 4:35:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 8:07:00 PM	64133
Toluene	ND	0.046		mg/Kg	1	11/29/2021 8:07:00 PM	64133
Ethylbenzene	ND	0.046		mg/Kg	1	11/29/2021 8:07:00 PM	64133
Xylenes, Total	ND	0.091		mg/Kg	1	11/29/2021 8:07:00 PM	64133
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	11/29/2021 8:07:00 PM	64133

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

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

Page 35 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-14/A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 8:50:00 AM

Lab ID: 2111A39-036

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	600	60		mg/Kg	20	11/29/2021 5:01:10 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/30/2021 3:24:21 PM	64151
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/30/2021 3:24:21 PM	64151
Surr: DNOP	97.7	70-130		%Rec	1	11/30/2021 3:24:21 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/25/2021 4:55:00 AM	64133
Surr: BFB	100	70-130		%Rec	1	11/25/2021 4:55:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 8:27:00 PM	64133
Toluene	ND	0.048		mg/Kg	1	11/29/2021 8:27:00 PM	64133
Ethylbenzene	ND	0.048		mg/Kg	1	11/29/2021 8:27:00 PM	64133
Xylenes, Total	ND	0.095		mg/Kg	1	11/29/2021 8:27:00 PM	64133
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	11/29/2021 8:27:00 PM	64133

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

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

Page 36 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-13/A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 8:52:00 AM

Lab ID: 2111A39-037

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	190	60		mg/Kg	20	11/29/2021 5:13:35 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/29/2021 2:09:21 PM	64151
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/29/2021 2:09:21 PM	64151
Surr: DNOP	104	70-130		%Rec	1	11/29/2021 2:09:21 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/25/2021 5:14:00 AM	64133
Surr: BFB	96.6	70-130		%Rec	1	11/25/2021 5:14:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 8:46:00 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/29/2021 8:46:00 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 8:46:00 PM	64133
Xylenes, Total	ND	0.094		mg/Kg	1	11/29/2021 8:46:00 PM	64133
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	11/29/2021 8:46:00 PM	64133

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

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

Page 37 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-11/A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 8:57:00 AM

Lab ID: 2111A39-038

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	290	60		mg/Kg	20	11/29/2021 5:25:59 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	15	9.5		mg/Kg	1	11/29/2021 2:20:07 PM	64151
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/29/2021 2:20:07 PM	64151
Surr: DNOP	103	70-130		%Rec	1	11/29/2021 2:20:07 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/25/2021 5:34:00 AM	64133
Surr: BFB	93.2	70-130		%Rec	1	11/25/2021 5:34:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	11/29/2021 9:06:00 PM	64133
Toluene	ND	0.050		mg/Kg	1	11/29/2021 9:06:00 PM	64133
Ethylbenzene	ND	0.050		mg/Kg	1	11/29/2021 9:06:00 PM	64133
Xylenes, Total	ND	0.099		mg/Kg	1	11/29/2021 9:06:00 PM	64133
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	11/29/2021 9:06:00 PM	64133

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

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

Page 38 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-10/A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 9:00:00 AM

Lab ID: 2111A39-039

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	88	60		mg/Kg	20	11/29/2021 5:38:23 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/29/2021 2:30:52 PM	64151
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/29/2021 2:30:52 PM	64151
Surr: DNOP	90.7	70-130		%Rec	1	11/29/2021 2:30:52 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/25/2021 5:54:00 AM	64133
Surr: BFB	94.4	70-130		%Rec	1	11/25/2021 5:54:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 9:26:00 PM	64133
Toluene	ND	0.046		mg/Kg	1	11/29/2021 9:26:00 PM	64133
Ethylbenzene	ND	0.046		mg/Kg	1	11/29/2021 9:26:00 PM	64133
Xylenes, Total	ND	0.092		mg/Kg	1	11/29/2021 9:26:00 PM	64133
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	11/29/2021 9:26:00 PM	64133

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

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

Page 39 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-13/A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 9:05:00 AM

Lab ID: 2111A39-040

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	110	60		mg/Kg	20	11/29/2021 6:15:36 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/29/2021 2:41:38 PM	64151
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/29/2021 2:41:38 PM	64151
Surr: DNOP	91.6	70-130		%Rec	1	11/29/2021 2:41:38 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/25/2021 6:13:00 AM	64133
Surr: BFB	92.7	70-130		%Rec	1	11/25/2021 6:13:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 9:45:00 PM	64133
Toluene	ND	0.046		mg/Kg	1	11/29/2021 9:45:00 PM	64133
Ethylbenzene	ND	0.046		mg/Kg	1	11/29/2021 9:45:00 PM	64133
Xylenes, Total	ND	0.092		mg/Kg	1	11/29/2021 9:45:00 PM	64133
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	11/29/2021 9:45:00 PM	64133

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

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

Page 40 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-C-17/A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 9:48:00 AM

Lab ID: 2111A39-041

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	500	61		mg/Kg	20	11/29/2021 6:28:00 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/29/2021 2:52:26 PM	64151
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/29/2021 2:52:26 PM	64151
Surr: DNOP	90.7	70-130		%Rec	1	11/29/2021 2:52:26 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/25/2021 6:33:00 AM	64133
Surr: BFB	101	70-130		%Rec	1	11/25/2021 6:33:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	11/29/2021 10:05:00 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/29/2021 10:05:00 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 10:05:00 PM	64133
Xylenes, Total	ND	0.093		mg/Kg	1	11/29/2021 10:05:00 PM	64133
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	11/29/2021 10:05:00 PM	64133

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

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

Page 41 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-I-6/A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 10:05:00 AM

Lab ID: 2111A39-042

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	580	60		mg/Kg	20	11/29/2021 6:40:25 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/29/2021 3:03:14 PM	64151
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/29/2021 3:03:14 PM	64151
Surr: DNOP	87.8	70-130		%Rec	1	11/29/2021 3:03:14 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/25/2021 6:52:00 AM	64133
Surr: BFB	95.2	70-130		%Rec	1	11/25/2021 6:52:00 AM	64133
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	11/29/2021 10:24:00 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/29/2021 10:24:00 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/29/2021 10:24:00 PM	64133
Xylenes, Total	ND	0.094		mg/Kg	1	11/29/2021 10:24:00 PM	64133
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	11/29/2021 10:24:00 PM	64133

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

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

Page 42 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-4A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 11:40:00 AM

Lab ID: 2111A39-043

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	77	60		mg/Kg	20	11/29/2021 6:52:49 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	11/29/2021 3:14:03 PM	64151
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	11/29/2021 3:14:03 PM	64151
Surr: DNOP	89.7	70-130		%Rec	1	11/29/2021 3:14:03 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	11/24/2021 9:28:35 PM	64133
Surr: BFB	98.9	70-130		%Rec	1	11/24/2021 9:28:35 PM	64133
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/24/2021 9:28:35 PM	64133
Toluene	ND	0.045		mg/Kg	1	11/24/2021 9:28:35 PM	64133
Ethylbenzene	ND	0.045		mg/Kg	1	11/24/2021 9:28:35 PM	64133
Xylenes, Total	ND	0.091		mg/Kg	1	11/24/2021 9:28:35 PM	64133
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/24/2021 9:28:35 PM	64133

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

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

Page 43 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-G-1A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:25:00 PM

Lab ID: 2111A39-044

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/29/2021 7:05:13 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/29/2021 3:24:54 PM	64151
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/29/2021 3:24:54 PM	64151
Surr: DNOP	91.0	70-130		%Rec	1	11/29/2021 3:24:54 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 9:52:05 PM	64133
Surr: BFB	98.3	70-130		%Rec	1	11/24/2021 9:52:05 PM	64133
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 9:52:05 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/24/2021 9:52:05 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 9:52:05 PM	64133
Xylenes, Total	ND	0.095		mg/Kg	1	11/24/2021 9:52:05 PM	64133
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	11/24/2021 9:52:05 PM	64133

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

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

Page 44 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-7A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 12:51:00 PM

Lab ID: 2111A39-045

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	900	60		mg/Kg	20	11/29/2021 7:17:38 PM	64186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	42	9.7		mg/Kg	1	11/29/2021 3:35:45 PM	64151
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/29/2021 3:35:45 PM	64151
Surr: DNOP	92.9	70-130		%Rec	1	11/29/2021 3:35:45 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/24/2021 10:15:34 PM	64133
Surr: BFB	96.8	70-130		%Rec	1	11/24/2021 10:15:34 PM	64133
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/24/2021 10:15:34 PM	64133
Toluene	ND	0.047		mg/Kg	1	11/24/2021 10:15:34 PM	64133
Ethylbenzene	ND	0.047		mg/Kg	1	11/24/2021 10:15:34 PM	64133
Xylenes, Total	ND	0.094		mg/Kg	1	11/24/2021 10:15:34 PM	64133
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	11/24/2021 10:15:34 PM	64133

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

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

Page 45 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-A-2A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:20:00 PM

Lab ID: 2111A39-046

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/30/2021 2:38:47 PM	64211
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	11/29/2021 4:02:57 PM	64151
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/29/2021 4:02:57 PM	64151
Surr: DNOP	108	70-130		%Rec	1	11/29/2021 4:02:57 PM	64151
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/24/2021 10:39:00 PM	64133
Surr: BFB	107	70-130		%Rec	1	11/24/2021 10:39:00 PM	64133
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/24/2021 10:39:00 PM	64133
Toluene	ND	0.049		mg/Kg	1	11/24/2021 10:39:00 PM	64133
Ethylbenzene	ND	0.049		mg/Kg	1	11/24/2021 10:39:00 PM	64133
Xylenes, Total	ND	0.099		mg/Kg	1	11/24/2021 10:39:00 PM	64133
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/24/2021 10:39:00 PM	64133

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

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

Page 46 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B3A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:35:00 PM

Lab ID: 2111A39-047

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/30/2021 2:51:11 PM	64211
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/29/2021 4:13:48 PM	64165
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/29/2021 4:13:48 PM	64165
Surr: DNOP	82.6	70-130		%Rec	1	11/29/2021 4:13:48 PM	64165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/26/2021 3:54:58 PM	64152
Surr: BFB	100	70-130		%Rec	1	11/26/2021 3:54:58 PM	64152
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/26/2021 3:54:58 PM	64152
Toluene	ND	0.049		mg/Kg	1	11/26/2021 3:54:58 PM	64152
Ethylbenzene	ND	0.049		mg/Kg	1	11/26/2021 3:54:58 PM	64152
Xylenes, Total	ND	0.097		mg/Kg	1	11/26/2021 3:54:58 PM	64152
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	11/26/2021 3:54:58 PM	64152

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

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

Page 47 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-6A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:40:00 PM

Lab ID: 2111A39-048

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	110	60		mg/Kg	20	11/30/2021 3:03:36 PM	64211
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/29/2021 4:46:48 PM	64165
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/29/2021 4:46:48 PM	64165
Surr: DNOP	101	70-130		%Rec	1	11/29/2021 4:46:48 PM	64165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/26/2021 5:05:24 PM	64152
Surr: BFB	100	70-130		%Rec	1	11/26/2021 5:05:24 PM	64152
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/26/2021 5:05:24 PM	64152
Toluene	ND	0.047		mg/Kg	1	11/26/2021 5:05:24 PM	64152
Ethylbenzene	ND	0.047		mg/Kg	1	11/26/2021 5:05:24 PM	64152
Xylenes, Total	ND	0.095		mg/Kg	1	11/26/2021 5:05:24 PM	64152
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	11/26/2021 5:05:24 PM	64152

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

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

Page 48 of 57

Analytical Report

Lab Order 2111A39

Date Reported: 12/17/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TB-B-9A

Project: Donahue Federal SWD 1

Collection Date: 11/16/2021 1:45:00 PM

Lab ID: 2111A39-049

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	11/30/2021 3:16:00 PM	64211
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	7.6		mg/Kg	1	11/29/2021 4:57:44 PM	64165
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	11/29/2021 4:57:44 PM	64165
Surr: DNOP	88.8	70-130		%Rec	1	11/29/2021 4:57:44 PM	64165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/26/2021 6:15:43 PM	64152
Surr: BFB	103	70-130		%Rec	1	11/26/2021 6:15:43 PM	64152
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	11/26/2021 6:15:43 PM	64152
Toluene	ND	0.046		mg/Kg	1	11/26/2021 6:15:43 PM	64152
Ethylbenzene	ND	0.046		mg/Kg	1	11/26/2021 6:15:43 PM	64152
Xylenes, Total	ND	0.092		mg/Kg	1	11/26/2021 6:15:43 PM	64152
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/26/2021 6:15:43 PM	64152

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

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

Page 49 of 57

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

WO#: 2111A39

17-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-64128	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64128	RunNo: 83092								
Prep Date: 11/23/2021	Analysis Date: 11/23/2021	SeqNo: 2952840	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64128	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64128	RunNo: 83092								
Prep Date: 11/23/2021	Analysis Date: 11/23/2021	SeqNo: 2952841	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.7	90	110			

Sample ID: MB-64155	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64155	RunNo: 83124								
Prep Date: 11/24/2021	Analysis Date: 11/24/2021	SeqNo: 2952997	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64155	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64155	RunNo: 83124								
Prep Date: 11/24/2021	Analysis Date: 11/24/2021	SeqNo: 2952998	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Sample ID: MB-64170	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64170	RunNo: 83124								
Prep Date: 11/24/2021	Analysis Date: 11/24/2021	SeqNo: 2953041	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64170	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64170	RunNo: 83124								
Prep Date: 11/24/2021	Analysis Date: 11/24/2021	SeqNo: 2953042	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.1	90	110			

Qualifiers:

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

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

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

WO#: 2111A39

17-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-64186	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64186	RunNo: 83157								
Prep Date: 11/29/2021	Analysis Date: 11/29/2021	SeqNo: 2954360	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64186	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64186	RunNo: 83157								
Prep Date: 11/29/2021	Analysis Date: 11/29/2021	SeqNo: 2954361	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Sample ID: MB-64211	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64211	RunNo: 83196								
Prep Date: 11/30/2021	Analysis Date: 11/30/2021	SeqNo: 2955511	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64211	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64211	RunNo: 83196								
Prep Date: 11/30/2021	Analysis Date: 11/30/2021	SeqNo: 2955512	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Qualifiers:

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

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

WO#: 2111A39

17-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-64085	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 64085				RunNo: 83061					
Prep Date: 11/22/2021	Analysis Date: 11/23/2021				SeqNo: 2951758	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.1	68.9	135			
Surr: DNOP	4.2		5.000		84.2	70	130			

Sample ID: MB-64085	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 64085				RunNo: 83061					
Prep Date: 11/22/2021	Analysis Date: 11/23/2021				SeqNo: 2951763	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		95.9	70	130			

Sample ID: MB-64120	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 64120				RunNo: 83097					
Prep Date: 11/23/2021	Analysis Date: 11/24/2021				SeqNo: 2953121	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		117	70	130			

Sample ID: LCS-64120	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 64120				RunNo: 83097					
Prep Date: 11/23/2021	Analysis Date: 11/24/2021				SeqNo: 2953122	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	111	68.9	135			
Surr: DNOP	5.8		5.000		116	70	130			

Sample ID: MB-64151	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 64151				RunNo: 83128					
Prep Date: 11/24/2021	Analysis Date: 11/29/2021				SeqNo: 2953455	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	70	130			

Qualifiers:

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

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

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

WO#: 2111A39

17-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-64151	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64151	RunNo: 83128								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953457	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	135			
Surr: DNOP	5.0		5.000		99.1	70	130			

Sample ID: MB-64165	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64165	RunNo: 83128								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953508	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.4	70	130			

Sample ID: LCS-64165	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64165	RunNo: 83128								
Prep Date: 11/24/2021	Analysis Date: 11/29/2021	SeqNo: 2953509	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.1	68.9	135			
Surr: DNOP	4.6		5.000		92.1	70	130			

Sample ID: LCS-64150	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64150	RunNo: 83165								
Prep Date: 11/24/2021	Analysis Date: 11/30/2021	SeqNo: 2956171	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.7	68.9	135			
Surr: DNOP	4.1		5.000		81.0	70	130			

Sample ID: MB-64150	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64150	RunNo: 83165								
Prep Date: 11/24/2021	Analysis Date: 11/30/2021	SeqNo: 2956175	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.2	70	130			

Qualifiers:

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

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

WO#: 2111A39

17-Dec-21

Client: EOG
Project: Donahue Federal SWD 1

Sample ID: mb-64066	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64066			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/23/2021			SeqNo: 2949294		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.3	70	130			

Sample ID: lcs-64066	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64066			RunNo: 83018						
Prep Date: 11/19/2021	Analysis Date: 11/22/2021			SeqNo: 2949295		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.2	78.6	131			
Surr: BFB	1100		1000		110	70	130			

Sample ID: mb-64130	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64130			RunNo: 83119						
Prep Date: 11/23/2021	Analysis Date: 11/24/2021			SeqNo: 2952506		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: lcs-64130	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64130			RunNo: 83119						
Prep Date: 11/23/2021	Analysis Date: 11/24/2021			SeqNo: 2952507		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.3	78.6	131			
Surr: BFB	1200		1000		115	70	130			

Sample ID: mb-64152	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 64152			RunNo: 83120						
Prep Date: 11/24/2021	Analysis Date: 11/26/2021			SeqNo: 2952588		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		98.4	70	130			

Sample ID: lcs-64152	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 64152			RunNo: 83120						
Prep Date: 11/24/2021	Analysis Date: 11/26/2021			SeqNo: 2952589		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

WO#: 2111A39

17-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: lcs-64152	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 64152				RunNo: 83120					
Prep Date: 11/24/2021	Analysis Date: 11/26/2021				SeqNo: 2952589	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.8	78.6	131			
Surr: BFB	1100		1000		110	70	130			

Sample ID: mb-64133	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 64133				RunNo: 83087					
Prep Date: 11/23/2021	Analysis Date: 11/24/2021				SeqNo: 2952647	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	950		1000		95.3	70	130			

Sample ID: lcs-64133	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 64133				RunNo: 83087					
Prep Date: 11/23/2021	Analysis Date: 11/24/2021				SeqNo: 2952648	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.9	78.6	131			
Surr: BFB	1100		1000		112	70	130			

Qualifiers:

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

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

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

WO#: 2111A39

17-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-64066	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64066	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/23/2021	SeqNo: 2949341 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.0	70	130			

Sample ID: LCS-64066	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64066	RunNo: 83018								
Prep Date: 11/19/2021	Analysis Date: 11/22/2021	SeqNo: 2949342 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.4	80	120			
Toluene	0.92	0.050	1.000	0	91.9	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: mb-64130	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64130	RunNo: 83119								
Prep Date: 11/23/2021	Analysis Date: 11/24/2021	SeqNo: 2952553 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: LCS-64130	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64130	RunNo: 83119								
Prep Date: 11/23/2021	Analysis Date: 11/24/2021	SeqNo: 2952554 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.4	80	120			
Toluene	0.86	0.050	1.000	0	85.6	80	120			
Ethylbenzene	0.86	0.050	1.000	0	86.4	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.3	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Qualifiers:

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

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

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

WO#: 2111A39

17-Dec-21

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-64152	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64152	RunNo: 83120								
Prep Date: 11/24/2021	Analysis Date: 11/26/2021	SeqNo: 2952615	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.3	70	130			

Sample ID: LCS-64152	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64152	RunNo: 83120								
Prep Date: 11/24/2021	Analysis Date: 11/26/2021	SeqNo: 2952616	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.6	80	120			
Toluene	0.87	0.050	1.000	0	87.3	80	120			
Ethylbenzene	0.88	0.050	1.000	0	88.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: mb-64133	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64133	RunNo: 83126								
Prep Date: 11/23/2021	Analysis Date: 11/29/2021	SeqNo: 2954029	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.8	70	130			

Sample ID: lcs-64133	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64133	RunNo: 83126								
Prep Date: 11/23/2021	Analysis Date: 11/29/2021	SeqNo: 2954031	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.2	80	120			
Toluene	0.86	0.050	1.000	0	85.9	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.0	80	120			
Xylenes, Total	2.6	0.10	3.000	0	88.0	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		92.7	70	130			

Qualifiers:

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

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2111A39

RcptNo: 1

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

Completed By: Isaiah Ortiz 11/19/2021 1:20:49 PM

Reviewed By: KPA 11/19/21

Chad
ISOX

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *KPA 11-19-21*

KPA 11/22/21

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.8	Good	Not Present			
2	0.6	Good	Not Present			
3	1.3	Good	Not Present			

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Danahue Federal SWD #1

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 3 0.8-0.8

Cooler Temp (including CF): 0.6-0.6

Container Type and #

Preservative Type

HEAL No

BTX (8021)

TPH: 8015D (GRO / DRO / MRO)

Chloride (EPA 300)

Analysis Request

Remarks: Bill to EOG Artesia

Received by: W. Kennedy

Date: 11/17/21

Time: 1800

Relinquished by: W. Kennedy

Date: 11/18/21

Time: 1115

Received by: One center

Date: 11/18/21

Time: 0800

Relinquished by: One center

Date: 11/18/21

Time: 0800

Received by: One center

Date: 11/18/21

Time: 0800

Relinquished by: One center

Date: 11/18/21

Time: 0800

Received by: One center

Date: 11/18/21

Time: 0800

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Donahue Federal SWD #2

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 3 0.8-0=0.8

Cooler Temp (including CH): 0.6-0=0.6

Container Type and #

Preservative Type

HEAL No

1 X 4oz Jar Ice

025

026

027

028

029

030

031

032

033

034

035

Sample Name

CW-2

D-1

D-2

DW-1

DW-2

E-1

E-2

E-3

E-4

F-1

F-2

Date

9/10

10/30

10/34

10/44

10/40

11/35

11/39

11/46

11/48

11/53

11/57

Date

11/17/21

11/18/21

11/15

11/15

11/15

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Relinquished by:

W. Kennedy

Relinquished by:

W. Kennedy

Received by:

11/17/21 1800

Received by:

11/18/21 1115

Via:

11/17/21 1800

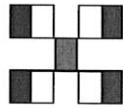
Via:

11/18/21 1115

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 report.

11/18/21 1900 CMC courier 11/19/21 0800



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO)

Chloride (EPA 300)

BTEX (8021)

Chloride (EPA 300)

Chloride (EPA 300)

Chloride (EPA 300)

Chloride (EPA 300)

Chloride (EPA 300)

Chloride (EPA 300)

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Chloride (EPA 300)

Chloride (EPA 300)

Chloride (EPA 300)

Chain-of-Custody Record

Client: EOG / Ranger

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

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

Turn-Around Time:

☐ Standard ☐ Rush

Project Name:

Donahue Federal SWD #1

Project #:

5375

Project Manager:

W. Kierdors

Sampler:

On Ice: ☒ Yes ☐ No# of Coolers: 3 *see other pages*Cooler Temp (including CF): see (°C)

Container Type and #

Preservative Type

HEAL No.

211A39048049

Sample Name

TB-B-6ATB-B-9A

Date

11/1613401345

Relinquished by:

Time:

Received by:

Via:

Date

Remarks:

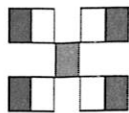
Relinquished by:

Time:

Received by:

Via:

Date

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

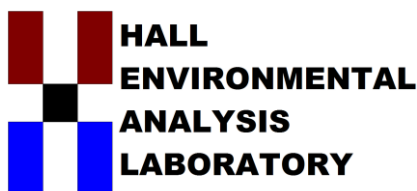
RCRA 8 Metals

(C), F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)



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

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Donahue Federal SWD 1

OrderNo.: 2112B71

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 8 sample(s) on 12/18/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: D-1A

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 11:25:00 AM

Lab ID: 2112B71-001

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/23/2021 6:34:07 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	920	98		mg/Kg	10	12/21/2021 12:09:58 PM	64634
Motor Oil Range Organics (MRO)	850	490		mg/Kg	10	12/21/2021 12:09:58 PM	64634
Surr: DNOP	0	70-130	S	%Rec	10	12/21/2021 12:09:58 PM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/21/2021 1:16:00 PM	64627
Surr: BFB	93.7	70-130		%Rec	5	12/21/2021 1:16:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/21/2021 1:16:00 PM	64627
Toluene	ND	0.24		mg/Kg	5	12/21/2021 1:16:00 PM	64627
Ethylbenzene	ND	0.24		mg/Kg	5	12/21/2021 1:16:00 PM	64627
Xylenes, Total	ND	0.48		mg/Kg	5	12/21/2021 1:16:00 PM	64627
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	5	12/21/2021 1:16:00 PM	64627

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

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

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-7A

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 11:46:00 AM

Lab ID: 2112B71-002

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/23/2021 7:11:22 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	100	9.8		mg/Kg	1	12/21/2021 8:04:03 PM	64634
Motor Oil Range Organics (MRO)	170	49		mg/Kg	1	12/21/2021 8:04:03 PM	64634
Surr: DNOP	115	70-130		%Rec	1	12/21/2021 8:04:03 PM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/21/2021 1:35:00 PM	64627
Surr: BFB	90.8	70-130		%Rec	5	12/21/2021 1:35:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/21/2021 1:35:00 PM	64627
Toluene	ND	0.24		mg/Kg	5	12/21/2021 1:35:00 PM	64627
Ethylbenzene	ND	0.24		mg/Kg	5	12/21/2021 1:35:00 PM	64627
Xylenes, Total	ND	0.48		mg/Kg	5	12/21/2021 1:35:00 PM	64627
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	5	12/21/2021 1:35:00 PM	64627

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

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

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: D-2A

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 11:57:00 AM

Lab ID: 2112B71-003

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/23/2021 7:23:47 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	47	9.8		mg/Kg	1	12/22/2021 8:58:59 AM	64634
Motor Oil Range Organics (MRO)	120	49		mg/Kg	1	12/22/2021 8:58:59 AM	64634
Surr: DNOP	87.7	70-130		%Rec	1	12/22/2021 8:58:59 AM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/21/2021 1:55:00 PM	64627
Surr: BFB	87.2	70-130		%Rec	1	12/21/2021 1:55:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/21/2021 1:55:00 PM	64627
Toluene	ND	0.048		mg/Kg	1	12/21/2021 1:55:00 PM	64627
Ethylbenzene	ND	0.048		mg/Kg	1	12/21/2021 1:55:00 PM	64627
Xylenes, Total	ND	0.097		mg/Kg	1	12/21/2021 1:55:00 PM	64627
Surr: 4-Bromofluorobenzene	80.3	70-130		%Rec	1	12/21/2021 1:55:00 PM	64627

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

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

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-1A

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 12:34:00 PM

Lab ID: 2112B71-004

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/23/2021 7:36:12 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	17	9.3		mg/Kg	1	12/22/2021 9:23:06 AM	64634
Motor Oil Range Organics (MRO)	56	47		mg/Kg	1	12/22/2021 9:23:06 AM	64634
Surr: DNOP	112	70-130		%Rec	1	12/22/2021 9:23:06 AM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/21/2021 2:15:00 PM	64627
Surr: BFB	88.4	70-130		%Rec	5	12/21/2021 2:15:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/21/2021 2:15:00 PM	64627
Toluene	ND	0.24		mg/Kg	5	12/21/2021 2:15:00 PM	64627
Ethylbenzene	ND	0.24		mg/Kg	5	12/21/2021 2:15:00 PM	64627
Xylenes, Total	ND	0.48		mg/Kg	5	12/21/2021 2:15:00 PM	64627
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	5	12/21/2021 2:15:00 PM	64627

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

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

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-3A

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 12:38:00 PM

Lab ID: 2112B71-005

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	59		mg/Kg	20	12/23/2021 7:48:36 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	340	9.6		mg/Kg	1	12/22/2021 9:47:39 AM	64634
Motor Oil Range Organics (MRO)	600	48		mg/Kg	1	12/22/2021 9:47:39 AM	64634
Surr: DNOP	92.6	70-130		%Rec	1	12/22/2021 9:47:39 AM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/21/2021 2:34:00 PM	64627
Surr: BFB	92.1	70-130		%Rec	5	12/21/2021 2:34:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/21/2021 2:34:00 PM	64627
Toluene	ND	0.24		mg/Kg	5	12/21/2021 2:34:00 PM	64627
Ethylbenzene	ND	0.24		mg/Kg	5	12/21/2021 2:34:00 PM	64627
Xylenes, Total	ND	0.48		mg/Kg	5	12/21/2021 2:34:00 PM	64627
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	5	12/21/2021 2:34:00 PM	64627

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

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

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CW-1A

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 12:50:00 PM

Lab ID: 2112B71-006

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/23/2021 8:01:01 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	24	9.8		mg/Kg	1	12/22/2021 4:36:20 PM	64634
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/22/2021 4:36:20 PM	64634
Surr: DNOP	115	70-130		%Rec	1	12/22/2021 4:36:20 PM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/21/2021 2:54:00 PM	64627
Surr: BFB	86.6	70-130		%Rec	1	12/21/2021 2:54:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/21/2021 2:54:00 PM	64627
Toluene	ND	0.048		mg/Kg	1	12/21/2021 2:54:00 PM	64627
Ethylbenzene	ND	0.048		mg/Kg	1	12/21/2021 2:54:00 PM	64627
Xylenes, Total	ND	0.096		mg/Kg	1	12/21/2021 2:54:00 PM	64627
Surr: 4-Bromofluorobenzene	79.6	70-130		%Rec	1	12/21/2021 2:54:00 PM	64627

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

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

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: CW-3

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 1:41:00 PM

Lab ID: 2112B71-007

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/23/2021 8:38:18 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	11	10		mg/Kg	1	12/22/2021 10:47:04 AM	64634
Motor Oil Range Organics (MRO)	51	50		mg/Kg	1	12/22/2021 10:47:04 AM	64634
Surr: DNOP	90.2	70-130		%Rec	1	12/22/2021 10:47:04 AM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/21/2021 3:14:00 PM	64627
Surr: BFB	83.9	70-130		%Rec	1	12/21/2021 3:14:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/21/2021 3:14:00 PM	64627
Toluene	ND	0.049		mg/Kg	1	12/21/2021 3:14:00 PM	64627
Ethylbenzene	ND	0.049		mg/Kg	1	12/21/2021 3:14:00 PM	64627
Xylenes, Total	ND	0.098		mg/Kg	1	12/21/2021 3:14:00 PM	64627
Surr: 4-Bromofluorobenzene	78.2	70-130		%Rec	1	12/21/2021 3:14:00 PM	64627

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

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

Analytical Report

Lab Order 2112B71

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-3

Project: Donahue Federal SWD 1

Collection Date: 12/16/2021 1:56:00 PM

Lab ID: 2112B71-008

Matrix: SOIL

Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/23/2021 8:50:42 PM	64723
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	45	9.9		mg/Kg	1	12/22/2021 11:10:55 AM	64634
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	12/22/2021 11:10:55 AM	64634
Surr: DNOP	90.5	70-130		%Rec	1	12/22/2021 11:10:55 AM	64634
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	12/21/2021 3:34:00 PM	64627
Surr: BFB	85.5	70-130		%Rec	1	12/21/2021 3:34:00 PM	64627
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	12/21/2021 3:34:00 PM	64627
Toluene	ND	0.046		mg/Kg	1	12/21/2021 3:34:00 PM	64627
Ethylbenzene	ND	0.046		mg/Kg	1	12/21/2021 3:34:00 PM	64627
Xylenes, Total	ND	0.093		mg/Kg	1	12/21/2021 3:34:00 PM	64627
Surr: 4-Bromofluorobenzene	79.9	70-130		%Rec	1	12/21/2021 3:34:00 PM	64627

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112B71
11-Jan-22

Client: EOG
Project: Donahue Federal SWD 1

Sample ID: MB-64723		SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 64723		RunNo: 84786						
Prep Date: 12/23/2021		Analysis Date: 12/23/2021		SeqNo: 2981962		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64723		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 64723		RunNo: 84786						
Prep Date: 12/23/2021		Analysis Date: 12/23/2021		SeqNo: 2981963		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	101	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 9 of 12

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

WO#: 2112B71

11-Jan-22

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: MB-64634	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 64634	RunNo: 84684								
Prep Date: 12/20/2021	Analysis Date: 12/21/2021	SeqNo: 2977779 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		101	70	130			

Sample ID: LCS-64634	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 64634	RunNo: 84684								
Prep Date: 12/20/2021	Analysis Date: 12/21/2021	SeqNo: 2977780 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	135			
Surr: DNOP	4.3		5.000		86.0	70	130			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E 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#: 2112B71
11-Jan-22

Client: EOG
Project: Donahue Federal SWD 1

Sample ID: mb-64627	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 64627	RunNo: 84714								
Prep Date: 12/20/2021	Analysis Date: 12/21/2021	SeqNo: 2978808	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	870		1000		87.1	70	130			

Sample ID: lcs-64627	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 64627	RunNo: 84714								
Prep Date: 12/20/2021	Analysis Date: 12/21/2021	SeqNo: 2978810	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.9	78.6	131			
Surr: BFB	990		1000		99.0	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 12

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

WO#: 2112B71

11-Jan-22

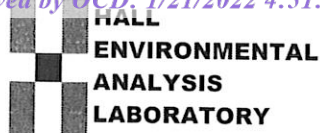
Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-64627	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64627	RunNo: 84714								
Prep Date: 12/20/2021	Analysis Date: 12/21/2021	SeqNo: 2978856	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.81		1.000		80.8	70	130			

Sample ID: lcs-64627	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64627	RunNo: 84714								
Prep Date: 12/20/2021	Analysis Date: 12/21/2021	SeqNo: 2978858	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.6	80	120			
Toluene	0.90	0.050	1.000	0	89.6	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.4	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.4	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		83.3	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2112B71

RcptNo: 1

Received By: Isaiah Ortiz

12/18/2021 10:00:00 AM

Completed By: Cheyenne Cason

12/20/2021 8:57:38 AM

Reviewed By: JR 12/20/21

I-Ox

Chad

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

IO

12/20/21

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

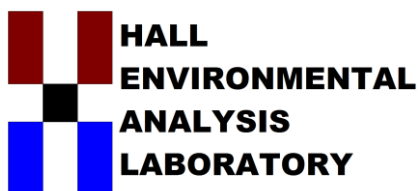
16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				
3	2.2	Good				

[illegible]

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



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

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Donahue Federal SWD

OrderNo.: 2112E99

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 7 sample(s) on 12/30/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2112E99

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-7C

Project: Donahue Federal SWD

Collection Date: 12/29/2021 9:27:00 AM

Lab ID: 2112E99-001

Matrix: SOIL

Received Date: 12/30/2021 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	110	60		mg/Kg	20	1/6/2022 12:12:39 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/4/2022 2:23:55 PM	64827
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/4/2022 2:23:55 PM	64827
Surr: DNOP	85.7	70-130		%Rec	1	1/4/2022 2:23:55 PM	64827
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/3/2022 9:40:00 AM	64804
Surr: BFB	97.8	70-130		%Rec	1	1/3/2022 9:40:00 AM	64804
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	1/3/2022 9:40:00 AM	64804
Toluene	ND	0.049		mg/Kg	1	1/3/2022 9:40:00 AM	64804
Ethylbenzene	ND	0.049		mg/Kg	1	1/3/2022 9:40:00 AM	64804
Xylenes, Total	ND	0.097		mg/Kg	1	1/3/2022 9:40:00 AM	64804
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	1/3/2022 9:40:00 AM	64804

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

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

Analytical Report

Lab Order 2112E99

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: P-D-2C

Project: Donahue Federal SWD

Collection Date: 12/29/2021 10:04:00 AM

Lab ID: 2112E99-002

Matrix: SOIL

Received Date: 12/30/2021 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	92	61		mg/Kg	20	1/6/2022 12:24:59 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/4/2022 2:34:43 PM	64827
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/4/2022 2:34:43 PM	64827
Surr: DNOP	91.7	70-130		%Rec	1	1/4/2022 2:34:43 PM	64827
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/3/2022 10:39:00 AM	64804
Surr: BFB	95.7	70-130		%Rec	1	1/3/2022 10:39:00 AM	64804
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	1/3/2022 10:39:00 AM	64804
Toluene	ND	0.049		mg/Kg	1	1/3/2022 10:39:00 AM	64804
Ethylbenzene	ND	0.049		mg/Kg	1	1/3/2022 10:39:00 AM	64804
Xylenes, Total	ND	0.097		mg/Kg	1	1/3/2022 10:39:00 AM	64804
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	1/3/2022 10:39:00 AM	64804

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

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

Analytical Report

Lab Order 2112E99

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: A-1B

Project: Donahue Federal SWD

Collection Date: 12/29/2021 10:44:00 AM

Lab ID: 2112E99-003

Matrix: SOIL

Received Date: 12/30/2021 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/6/2022 12:37:20 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	33	9.4		mg/Kg	1	1/4/2022 2:45:30 PM	64827
Motor Oil Range Organics (MRO)	73	47		mg/Kg	1	1/4/2022 2:45:30 PM	64827
Surr: DNOP	86.3	70-130		%Rec	1	1/4/2022 2:45:30 PM	64827
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	1/3/2022 11:38:00 AM	64804
Surr: BFB	88.7	70-130		%Rec	1	1/3/2022 11:38:00 AM	64804
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	1/3/2022 11:38:00 AM	64804
Toluene	ND	0.047		mg/Kg	1	1/3/2022 11:38:00 AM	64804
Ethylbenzene	ND	0.047		mg/Kg	1	1/3/2022 11:38:00 AM	64804
Xylenes, Total	ND	0.094		mg/Kg	1	1/3/2022 11:38:00 AM	64804
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	1/3/2022 11:38:00 AM	64804

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

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

Analytical Report

Lab Order 2112E99

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: D-1B

Project: Donahue Federal SWD

Collection Date: 12/29/2021 11:29:00 AM

Lab ID: 2112E99-004

Matrix: SOIL

Received Date: 12/30/2021 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/6/2022 12:49:40 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	1/4/2022 2:56:17 PM	64827
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	1/4/2022 2:56:17 PM	64827
Surr: DNOP	87.5	70-130		%Rec	1	1/4/2022 2:56:17 PM	64827
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/3/2022 12:17:00 PM	64804
Surr: BFB	87.1	70-130		%Rec	1	1/3/2022 12:17:00 PM	64804
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	1/3/2022 12:17:00 PM	64804
Toluene	ND	0.048		mg/Kg	1	1/3/2022 12:17:00 PM	64804
Ethylbenzene	ND	0.048		mg/Kg	1	1/3/2022 12:17:00 PM	64804
Xylenes, Total	ND	0.096		mg/Kg	1	1/3/2022 12:17:00 PM	64804
Surr: 4-Bromofluorobenzene	81.4	70-130		%Rec	1	1/3/2022 12:17:00 PM	64804

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

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

Analytical Report

Lab Order 2112E99

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: D-2B

Project: Donahue Federal SWD

Collection Date: 12/29/2021 11:31:00 AM

Lab ID: 2112E99-005

Matrix: SOIL

Received Date: 12/30/2021 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/6/2022 1:02:00 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/5/2022 10:18:09 AM	64827
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/5/2022 10:18:09 AM	64827
Surr: DNOP	108	70-130		%Rec	1	1/5/2022 10:18:09 AM	64827
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/3/2022 12:37:00 PM	64804
Surr: BFB	93.2	70-130		%Rec	1	1/3/2022 12:37:00 PM	64804
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	1/3/2022 12:37:00 PM	64804
Toluene	ND	0.048		mg/Kg	1	1/3/2022 12:37:00 PM	64804
Ethylbenzene	ND	0.048		mg/Kg	1	1/3/2022 12:37:00 PM	64804
Xylenes, Total	ND	0.096		mg/Kg	1	1/3/2022 12:37:00 PM	64804
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	1/3/2022 12:37:00 PM	64804

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

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

Analytical Report

Lab Order 2112E99

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-3A

Project: Donahue Federal SWD

Collection Date: 12/29/2021 11:38:00 AM

Lab ID: 2112E99-006

Matrix: SOIL

Received Date: 12/30/2021 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/6/2022 1:14:20 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/4/2022 3:17:47 PM	64827
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/4/2022 3:17:47 PM	64827
Surr: DNOP	84.6	70-130		%Rec	1	1/4/2022 3:17:47 PM	64827
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	1/3/2022 12:57:00 PM	64804
Surr: BFB	94.2	70-130		%Rec	1	1/3/2022 12:57:00 PM	64804
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.020		mg/Kg	1	1/3/2022 12:57:00 PM	64804
Toluene	ND	0.039		mg/Kg	1	1/3/2022 12:57:00 PM	64804
Ethylbenzene	ND	0.039		mg/Kg	1	1/3/2022 12:57:00 PM	64804
Xylenes, Total	ND	0.079		mg/Kg	1	1/3/2022 12:57:00 PM	64804
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	1/3/2022 12:57:00 PM	64804

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

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

Analytical Report

Lab Order 2112E99

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: F-1B

Project: Donahue Federal SWD

Collection Date: 12/29/2021 1:14:00 PM

Lab ID: 2112E99-007

Matrix: SOIL

Received Date: 12/30/2021 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	1/6/2022 1:26:41 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	14	9.1		mg/Kg	1	1/4/2022 3:28:31 PM	64827
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/4/2022 3:28:31 PM	64827
Surr: DNOP	91.0	70-130		%Rec	1	1/4/2022 3:28:31 PM	64827
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	1/3/2022 1:16:00 PM	64804
Surr: BFB	91.5	70-130		%Rec	1	1/3/2022 1:16:00 PM	64804
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.020		mg/Kg	1	1/3/2022 1:16:00 PM	64804
Toluene	ND	0.041		mg/Kg	1	1/3/2022 1:16:00 PM	64804
Ethylbenzene	ND	0.041		mg/Kg	1	1/3/2022 1:16:00 PM	64804
Xylenes, Total	ND	0.081		mg/Kg	1	1/3/2022 1:16:00 PM	64804
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	1/3/2022 1:16:00 PM	64804

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

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

Page 7 of 11

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112E99

07-Jan-22

Client: EOG

Project: Donahue Federal SWD

Sample ID: MB-64874	SampType: mblk		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 64874		RunNo: 84954							
Prep Date: 1/5/2022	Analysis Date: 1/5/2022		SeqNo: 2989927		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64874	SampType: lcs		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 64874		RunNo: 84954							
Prep Date: 1/5/2022	Analysis Date: 1/5/2022		SeqNo: 2989928		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Qualifiers:

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

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

WO#: 2112E99

07-Jan-22

Client: EOG**Project:** Donahue Federal SWD

Sample ID: LCS-64827	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 64827			RunNo: 84921						
Prep Date: 1/3/2022	Analysis Date: 1/4/2022			SeqNo: 2987505		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.3	68.9	135			
Surr: DNOP	3.9		5.000		78.6	70	130			

Sample ID: MB-64827	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 64827			RunNo: 84921						
Prep Date: 1/3/2022	Analysis Date: 1/4/2022			SeqNo: 2987507		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.4		10.00		84.1	70	130			

Qualifiers:

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

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

WO#: 2112E99

07-Jan-22

Client: EOG**Project:** Donahue Federal SWD

Sample ID: mb-64804	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 64804				RunNo: 84900					
Prep Date: 12/30/2021	Analysis Date: 1/3/2022				SeqNo: 2986714	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	950		1000		95.0	70	130			

Sample ID: lcs-64804	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 64804				RunNo: 84900					
Prep Date: 12/30/2021	Analysis Date: 1/3/2022				SeqNo: 2986715	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Qualifiers:

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

B Analyte detected in the associated Method Blank
E 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#: 2112E99

07-Jan-22

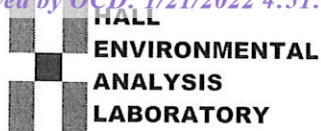
Client: EOG**Project:** Donahue Federal SWD

Sample ID: mb-64804	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 64804			RunNo: 84900						
Prep Date: 12/30/2021	Analysis Date: 1/3/2022			SeqNo: 2986725	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.6	70	130			

Sample ID: lcs-64804	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 64804			RunNo: 84900						
Prep Date: 12/30/2021	Analysis Date: 1/3/2022			SeqNo: 2986726	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	89.9	80	120			
Toluene	0.89	0.050	1.000	0	89.0	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.9	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.5	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.6	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2112E99

RcptNo: 1

Received By: Isaiah Ortiz 12/30/2021 7:30:00 AM

Completed By: Isaiah Ortiz 12/30/2021 7:40:00 AM

Reviewed By: DAD 12/30/21

I-0x
I-0xChain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: JMC 12/30/21

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

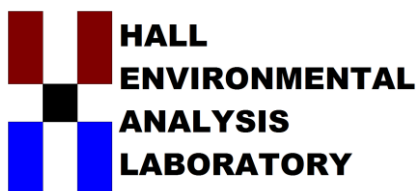
Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good	Not Present			



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

January 13, 2022

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Donahue Federal SWD

OrderNo.: 2201052

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 6 sample(s) on 1/4/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2201052

Date Reported: 1/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-6B

Project: Donahue Federal SWD

Collection Date: 12/30/2021 8:38:00 AM

Lab ID: 2201052-001

Matrix: SOIL

Received Date: 1/4/2022 7:28:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	130	60		mg/Kg	20	1/6/2022 4:44:05 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	170	10		mg/Kg	1	1/7/2022 5:39:13 PM	64865
Motor Oil Range Organics (MRO)	210	50		mg/Kg	1	1/7/2022 5:39:13 PM	64865
Surr: DNOP	85.6	70-130		%Rec	1	1/7/2022 5:39:13 PM	64865
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/6/2022 11:11:08 AM	64860
Surr: BFB	93.1	70-130		%Rec	1	1/6/2022 11:11:08 AM	64860
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	1/6/2022 11:11:08 AM	64860
Toluene	ND	0.050		mg/Kg	1	1/6/2022 11:11:08 AM	64860
Ethylbenzene	ND	0.050		mg/Kg	1	1/6/2022 11:11:08 AM	64860
Xylenes, Total	ND	0.10		mg/Kg	1	1/6/2022 11:11:08 AM	64860
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	1/6/2022 11:11:08 AM	64860

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

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

Page 1 of 10

Analytical Report

Lab Order 2201052

Date Reported: 1/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-7B

Project: Donahue Federal SWD

Collection Date: 12/30/2021 8:41:00 AM

Lab ID: 2201052-002

Matrix: SOIL

Received Date: 1/4/2022 7:28:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/6/2022 4:56:26 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	15	9.7		mg/Kg	1	1/7/2022 11:02:37 AM	64866
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/7/2022 11:02:37 AM	64866
Surr: DNOP	107	70-130		%Rec	1	1/7/2022 11:02:37 AM	64866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/6/2022 12:21:40 PM	64860
Surr: BFB	95.7	70-130		%Rec	1	1/6/2022 12:21:40 PM	64860
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	1/6/2022 12:21:40 PM	64860
Toluene	ND	0.050		mg/Kg	1	1/6/2022 12:21:40 PM	64860
Ethylbenzene	ND	0.050		mg/Kg	1	1/6/2022 12:21:40 PM	64860
Xylenes, Total	ND	0.099		mg/Kg	1	1/6/2022 12:21:40 PM	64860
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	1/6/2022 12:21:40 PM	64860

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

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

Page 2 of 10

Analytical Report

Lab Order 2201052

Date Reported: 1/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-3B

Project: Donahue Federal SWD

Collection Date: 12/30/2021 8:44:00 AM

Lab ID: 2201052-003

Matrix: SOIL

Received Date: 1/4/2022 7:28:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/6/2022 5:08:48 AM	64874
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	9.9		mg/Kg	1	1/10/2022 4:02:07 PM	64866
Motor Oil Range Organics (MRO)	270	50		mg/Kg	1	1/10/2022 4:02:07 PM	64866
Surr: DNOP	89.6	70-130		%Rec	1	1/10/2022 4:02:07 PM	64866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/6/2022 12:45:08 PM	64860
Surr: BFB	94.1	70-130		%Rec	1	1/6/2022 12:45:08 PM	64860
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	1/6/2022 12:45:08 PM	64860
Toluene	ND	0.048		mg/Kg	1	1/6/2022 12:45:08 PM	64860
Ethylbenzene	ND	0.048		mg/Kg	1	1/6/2022 12:45:08 PM	64860
Xylenes, Total	ND	0.097		mg/Kg	1	1/6/2022 12:45:08 PM	64860
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	1/6/2022 12:45:08 PM	64860

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

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

Page 3 of 10

Analytical Report

Lab Order 2201052

Date Reported: 1/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: E-3B

Project: Donahue Federal SWD

Collection Date: 12/30/2021 9:50:00 AM

Lab ID: 2201052-004

Matrix: SOIL

Received Date: 1/4/2022 7:28:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	190	60		mg/Kg	20	1/6/2022 3:00:35 PM	64896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	100	9.9		mg/Kg	1	1/7/2022 11:13:05 AM	64866
Motor Oil Range Organics (MRO)	200	49		mg/Kg	1	1/7/2022 11:13:05 AM	64866
Surr: DNOP	86.0	70-130		%Rec	1	1/7/2022 11:13:05 AM	64866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	1/6/2022 1:08:46 PM	64860
Surr: BFB	94.8	70-130		%Rec	1	1/6/2022 1:08:46 PM	64860
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	1/6/2022 1:08:46 PM	64860
Toluene	ND	0.047		mg/Kg	1	1/6/2022 1:08:46 PM	64860
Ethylbenzene	ND	0.047		mg/Kg	1	1/6/2022 1:08:46 PM	64860
Xylenes, Total	ND	0.095		mg/Kg	1	1/6/2022 1:08:46 PM	64860
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	1/6/2022 1:08:46 PM	64860

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

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

Page 4 of 10

Analytical Report

Lab Order 2201052

Date Reported: 1/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-4

Project: Donahue Federal SWD

Collection Date: 12/30/2021 9:55:00 AM

Lab ID: 2201052-005

Matrix: SOIL

Received Date: 1/4/2022 7:28:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	1/6/2022 3:12:56 PM	64896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	70	9.9		mg/Kg	1	1/7/2022 12:05:51 PM	64866
Motor Oil Range Organics (MRO)	140	50		mg/Kg	1	1/7/2022 12:05:51 PM	64866
Surr: DNOP	92.0	70-130		%Rec	1	1/7/2022 12:05:51 PM	64866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/6/2022 1:32:26 PM	64860
Surr: BFB	95.9	70-130		%Rec	1	1/6/2022 1:32:26 PM	64860
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	1/6/2022 1:32:26 PM	64860
Toluene	ND	0.048		mg/Kg	1	1/6/2022 1:32:26 PM	64860
Ethylbenzene	ND	0.048		mg/Kg	1	1/6/2022 1:32:26 PM	64860
Xylenes, Total	ND	0.095		mg/Kg	1	1/6/2022 1:32:26 PM	64860
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	1/6/2022 1:32:26 PM	64860

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

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

Page 5 of 10

Analytical Report

Lab Order 2201052

Date Reported: 1/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-5

Project: Donahue Federal SWD

Collection Date: 12/30/2021 10:01:00 AM

Lab ID: 2201052-006

Matrix: SOIL

Received Date: 1/4/2022 7:28:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	1/6/2022 3:25:17 PM	64896
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	37	9.7		mg/Kg	1	1/7/2022 12:26:56 PM	64866
Motor Oil Range Organics (MRO)	110	48		mg/Kg	1	1/7/2022 12:26:56 PM	64866
Surr: DNOP	84.1	70-130		%Rec	1	1/7/2022 12:26:56 PM	64866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	1/6/2022 1:56:05 PM	64860
Surr: BFB	93.8	70-130		%Rec	1	1/6/2022 1:56:05 PM	64860
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	1/6/2022 1:56:05 PM	64860
Toluene	ND	0.047		mg/Kg	1	1/6/2022 1:56:05 PM	64860
Ethylbenzene	ND	0.047		mg/Kg	1	1/6/2022 1:56:05 PM	64860
Xylenes, Total	ND	0.095		mg/Kg	1	1/6/2022 1:56:05 PM	64860
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	1/6/2022 1:56:05 PM	64860

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

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

Page 6 of 10

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

WO#: 2201052

13-Jan-22

Client: EOG**Project:** Donahue Federal SWD

Sample ID: MB-64874	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64874	RunNo: 84954								
Prep Date: 1/5/2022	Analysis Date: 1/5/2022	SeqNo: 2989927	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64874	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64874	RunNo: 84954								
Prep Date: 1/5/2022	Analysis Date: 1/5/2022	SeqNo: 2989928	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Sample ID: MB-64896	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 64896	RunNo: 85012								
Prep Date: 1/6/2022	Analysis Date: 1/6/2022	SeqNo: 2990942	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-64896	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 64896	RunNo: 85012								
Prep Date: 1/6/2022	Analysis Date: 1/6/2022	SeqNo: 2990943	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

Qualifiers:

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

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

WO#: 2201052

13-Jan-22

Client: EOG**Project:** Donahue Federal SWD

Sample ID: LCS-64865	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 64865			RunNo: 85006						
Prep Date: 1/5/2022	Analysis Date: 1/7/2022			SeqNo: 2990759			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	81.4	68.9	135			
Surr: DNOP	3.7		5.000		73.6	70	130			

Sample ID: MB-64865	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 64865			RunNo: 85006						
Prep Date: 1/5/2022	Analysis Date: 1/7/2022			SeqNo: 2990760			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.4		10.00		83.7	70	130			

Sample ID: LCS-64866	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 64866			RunNo: 85006						
Prep Date: 1/5/2022	Analysis Date: 1/7/2022			SeqNo: 2991283			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.7	68.9	135			
Surr: DNOP	3.9		5.000		78.9	70	130			

Sample ID: MB-64866	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 64866			RunNo: 85006						
Prep Date: 1/5/2022	Analysis Date: 1/7/2022			SeqNo: 2991284			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		87.5	70	130			

Qualifiers:

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

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

WO#: 2201052

13-Jan-22

Client: EOG
Project: Donahue Federal SWD

Sample ID: mb-64860	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 64860		RunNo: 84982							
Prep Date: 1/5/2022	Analysis Date: 1/6/2022		SeqNo: 2990495		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	930		1000		93.4	70	130			

Sample ID: lcs-64860	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 64860		RunNo: 84982							
Prep Date: 1/5/2022	Analysis Date: 1/6/2022		SeqNo: 2990496		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.2	78.6	131			
Surr: BFB	1000		1000		102	70	130			

Qualifiers:

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

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

WO#: 2201052

13-Jan-22

Client: EOG
Project: Donahue Federal SWD

Sample ID: mb-64860	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 64860	RunNo: 84982								
Prep Date: 1/5/2022	Analysis Date: 1/6/2022	SeqNo: 2990533	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: LCS-64860	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 64860	RunNo: 84982								
Prep Date: 1/5/2022	Analysis Date: 1/6/2022	SeqNo: 2990534	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.3	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.2	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2201052

RcptNo: 1

Received By: Isaiah Ortiz 1/4/2022 7:28:00 AM

Completed By: Isaiah Ortiz 1/4/2022 8:37:54 AM

Reviewed By: KRC 1/04/22

I-0x
I-0xChain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: TMC 1/4/22

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

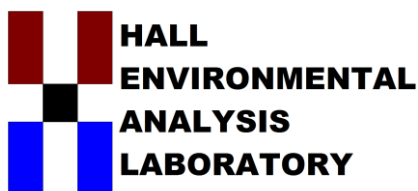
Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Not Present			



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

January 21, 2022

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX

RE: Donahue Federal SWD 1

OrderNo.: 2201694

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 6 sample(s) on 1/19/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2201694

Date Reported: 1/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-4A

Project: Donahue Federal SWD 1

Collection Date: 1/18/2022 8:40:00 AM

Lab ID: 2201694-001

Matrix: SOIL

Received Date: 1/19/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	440	60		mg/Kg	20	1/20/2022 2:42:10 PM	65120
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/21/2022 10:29:36 AM	65113
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/21/2022 10:29:36 AM	65113
Surr: DNOP	91.5	51.1-141		%Rec	1	1/21/2022 10:29:36 AM	65113
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/20/2022 6:05:00 PM	65096
Surr: BFB	84.1	70-130		%Rec	1	1/20/2022 6:05:00 PM	65096
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	1/20/2022 6:05:00 PM	65096
Toluene	ND	0.050		mg/Kg	1	1/20/2022 6:05:00 PM	65096
Ethylbenzene	ND	0.050		mg/Kg	1	1/20/2022 6:05:00 PM	65096
Xylenes, Total	ND	0.10		mg/Kg	1	1/20/2022 6:05:00 PM	65096
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	1/20/2022 6:05:00 PM	65096

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

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

Analytical Report

Lab Order 2201694

Date Reported: 1/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: DW-5A

Project: Donahue Federal SWD 1

Collection Date: 1/18/2022 8:45:00 AM

Lab ID: 2201694-002

Matrix: SOIL

Received Date: 1/19/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	1/20/2022 2:54:34 PM	65120
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/21/2022 10:40:05 AM	65113
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/21/2022 10:40:05 AM	65113
Surr: DNOP	85.7	51.1-141		%Rec	1	1/21/2022 10:40:05 AM	65113
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/20/2022 7:04:00 PM	65096
Surr: BFB	80.4	70-130		%Rec	1	1/20/2022 7:04:00 PM	65096
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	1/20/2022 7:04:00 PM	65096
Toluene	ND	0.049		mg/Kg	1	1/20/2022 7:04:00 PM	65096
Ethylbenzene	ND	0.049		mg/Kg	1	1/20/2022 7:04:00 PM	65096
Xylenes, Total	ND	0.099		mg/Kg	1	1/20/2022 7:04:00 PM	65096
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	1/20/2022 7:04:00 PM	65096

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

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

Analytical Report

Lab Order 2201694

Date Reported: 1/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-3C

Project: Donahue Federal SWD 1

Collection Date: 1/18/2022 8:50:00 AM

Lab ID: 2201694-003

Matrix: SOIL

Received Date: 1/19/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	470	60		mg/Kg	20	1/20/2022 3:06:58 PM	65120
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/21/2022 10:50:36 AM	65113
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/21/2022 10:50:36 AM	65113
Surr: DNOP	85.7	51.1-141		%Rec	1	1/21/2022 10:50:36 AM	65113
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/20/2022 8:03:00 PM	65096
Surr: BFB	81.4	70-130		%Rec	1	1/20/2022 8:03:00 PM	65096
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	1/20/2022 8:03:00 PM	65096
Toluene	ND	0.050		mg/Kg	1	1/20/2022 8:03:00 PM	65096
Ethylbenzene	ND	0.050		mg/Kg	1	1/20/2022 8:03:00 PM	65096
Xylenes, Total	ND	0.099		mg/Kg	1	1/20/2022 8:03:00 PM	65096
Surr: 4-Bromofluorobenzene	84.8	70-130		%Rec	1	1/20/2022 8:03:00 PM	65096

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

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

Analytical Report

Lab Order 2201694

Date Reported: 1/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: C-6C

Project: Donahue Federal SWD 1

Collection Date: 1/18/2022 8:55:00 AM

Lab ID: 2201694-004

Matrix: SOIL

Received Date: 1/19/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/20/2022 3:19:22 PM	65120
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/21/2022 11:01:04 AM	65113
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/21/2022 11:01:04 AM	65113
Surr: DNOP	89.2	51.1-141		%Rec	1	1/21/2022 11:01:04 AM	65113
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/20/2022 8:23:00 PM	65096
Surr: BFB	82.5	70-130		%Rec	1	1/20/2022 8:23:00 PM	65096
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	1/20/2022 8:23:00 PM	65096
Toluene	ND	0.049		mg/Kg	1	1/20/2022 8:23:00 PM	65096
Ethylbenzene	ND	0.049		mg/Kg	1	1/20/2022 8:23:00 PM	65096
Xylenes, Total	ND	0.098		mg/Kg	1	1/20/2022 8:23:00 PM	65096
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	1/20/2022 8:23:00 PM	65096

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

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

Analytical Report

Lab Order 2201694

Date Reported: 1/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: E-3C

Project: Donahue Federal SWD 1

Collection Date: 1/18/2022 9:00:00 AM

Lab ID: 2201694-005

Matrix: SOIL

Received Date: 1/19/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	1/20/2022 3:31:47 PM	65120
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	1/21/2022 11:11:35 AM	65113
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	1/21/2022 11:11:35 AM	65113
Surr: DNOP	82.5	51.1-141		%Rec	1	1/21/2022 11:11:35 AM	65113
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/20/2022 8:43:00 PM	65096
Surr: BFB	84.8	70-130		%Rec	1	1/20/2022 8:43:00 PM	65096
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	1/20/2022 8:43:00 PM	65096
Toluene	ND	0.048		mg/Kg	1	1/20/2022 8:43:00 PM	65096
Ethylbenzene	ND	0.048		mg/Kg	1	1/20/2022 8:43:00 PM	65096
Xylenes, Total	ND	0.096		mg/Kg	1	1/20/2022 8:43:00 PM	65096
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	1/20/2022 8:43:00 PM	65096

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

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

Analytical Report

Lab Order 2201694

Date Reported: 1/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: A-1C

Project: Donahue Federal SWD 1

Collection Date: 1/18/2022 9:12:00 AM

Lab ID: 2201694-006

Matrix: SOIL

Received Date: 1/19/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	1/20/2022 3:44:12 PM	65120
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	1/21/2022 11:22:03 AM	65113
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	1/21/2022 11:22:03 AM	65113
Surr: DNOP	82.1	51.1-141		%Rec	1	1/21/2022 11:22:03 AM	65113
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/20/2022 9:42:00 PM	65096
Surr: BFB	81.2	70-130		%Rec	1	1/20/2022 9:42:00 PM	65096
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	1/20/2022 9:42:00 PM	65096
Toluene	ND	0.048		mg/Kg	1	1/20/2022 9:42:00 PM	65096
Ethylbenzene	ND	0.048		mg/Kg	1	1/20/2022 9:42:00 PM	65096
Xylenes, Total	ND	0.097		mg/Kg	1	1/20/2022 9:42:00 PM	65096
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	1/20/2022 9:42:00 PM	65096

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

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2201694
21-Jan-22

Client: EOG
Project: Donahue Federal SWD 1

Sample ID: MB-65120		SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 65120		RunNo: 85296						
Prep Date: 1/20/2022		Analysis Date: 1/20/2022		SeqNo: 3001297		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-65120		SampType: lcs		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS		Batch ID: 65120		RunNo: 85296						
Prep Date: 1/20/2022		Analysis Date: 1/20/2022		SeqNo: 3001298		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

Qualifiers:

- *

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

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

Analyte detected in the associated Method Blank
- E

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#: 2201694

21-Jan-22

Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: LCS-65113	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 65113			RunNo: 85317						
Prep Date: 1/20/2022	Analysis Date: 1/21/2022			SeqNo: 3001812	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.2	68.9	135			
Surr: DNOP	4.2		5.000		84.6	51.1	141			

Sample ID: MB-65113	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 65113			RunNo: 85317						
Prep Date: 1/20/2022	Analysis Date: 1/21/2022			SeqNo: 3001813	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.0	51.1	141			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2201694
21-Jan-22

Client: EOG

Project: Donahue Federal SWD 1

Sample ID: mb-65096	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 65096	RunNo: 85281								
Prep Date: 1/19/2022	Analysis Date: 1/20/2022	SeqNo: 3001110	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		88.4	70	130			

Sample ID: lcs-65096	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 65096	RunNo: 85281								
Prep Date: 1/19/2022	Analysis Date: 1/20/2022	SeqNo: 3001111	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.8	78.6	131			
Surr: BFB	970		1000		97.3	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 9 of 10

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

WO#: 2201694

21-Jan-22

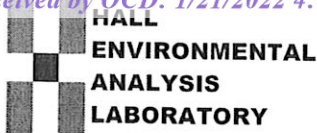
Client: EOG**Project:** Donahue Federal SWD 1

Sample ID: mb-65096	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 65096	RunNo: 85281								
Prep Date: 1/19/2022	Analysis Date: 1/20/2022	SeqNo: 3001134	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		90.5	70	130			

Sample ID: lcs-65096	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 65096	RunNo: 85281								
Prep Date: 1/19/2022	Analysis Date: 1/20/2022	SeqNo: 3001135	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	100	80	120			
Toluene	0.97	0.050	1.000	0	97.5	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.9	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.7	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.4	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: EOG

Work Order Number: 2201694

RcptNo: 1

Received By: Desiree Dominguez 1/19/2022 8:00:00 AM

Completed By: Desiree Dominguez 1/19/2022 8:29:24 AM

Reviewed By: *JD 1/19/22*

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *CDC 1/19/22*

Special Handling (if applicable)

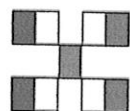
15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
1/18/22	0840	S-1	DW-4A	1x4oz BC	Ice	2201694	X	X	X
	0845		DW-5A						
	0850		C-3C						
	0855		C-6C						
	0900		E-3C						
	0912		A-4C						

Remarks: Bill to EOG Artesia

40 hour TAT

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard
 ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☒ NELAC
 ☐ Other

☒ EDD (Type)
 ☐ Excel

Sampler: W. Kennedy

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.8 ± 0.0 ± 1.8°C

Container Type and #	Preservative Type	HEAL No.
1x4oz BC	Ice	2201694
		-001
		-002
		-003
		-004
		-005
		-006

Relinquished by: W. Kennedy

Received by: Via: Date Time

Relinquished by: C. Kennedy

Received by: Via: Date Time

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

ATTACHMENT 4 – BLM APLOMADO FALCON HABITAT SEED MIXTURE

BLM Aplomado Falcon Habitat Seed Mixture

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Buffalograss (Buchloe dactyloides)) -----	4 lbs/acre
Blue grama (Bouteloua gracilis) -----	1 lb/acre
Cane bluestem (Bothriochloa barbinodis) -----	5 lbs/acre
Sideoats grama (Bouteloua curtipendula) -----	5 lbs/acre
Plains bristlegrass (Setaria macrostachya) -----	6 lbs/acre

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 74457

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 74457
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	2/16/2022