General Information

NMOCD District:	District 2	Incident ID:	NMLB1122253079
Landowner:	Private	RP Reference:	2RP-824
Client:	EOG Resources, Inc.	Site Location:	Dayton ER Battery
Date:	May 10, 2022	Project #:	21E-00123-02
Client Contact:	Chase Settle	Phone #:	575.748.4171
Vertex PM:	Monica Peppin	Phone #:	575.361.9880

Objective

The objective of the environmental remediation work plan is to identify exceedances found during the site assessment/characterization activity and propose an appropriate remediation technique to address these areas. Areas of environmental concern identified and delineated include the engineered pad to the east of the tank battery. Closure criteria has been selected as per New Mexico Administrative Code (NMAC) 19.15.29. All applicable research as it pertains to closure criteria selection is presented in Attachment 1. The closure criteria for the site is presented below.

Table 1. Closure Criteria for Soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
51 feet - 100 feet	Chloride	10,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

Site Assessment/Characterization

Site characterization was completed on November 2, 2021. A total of eight (8) sample points and two (2) background sample points were established and samples collected for field screening. Samples at the deepest vertical distance below closure criteria were submitted to the laboratory for analysis. In total, fifty-three (53) samples were submitted to Hall Environmental Analysis Laboratory, Albuquerque, New Mexico for analysis. The sample locations are presented in Figure 1, Attachment 2. Laboratory analysis results have been compared to the above noted closure criteria and the results from the characterization activity are presented in Table 2, Attachment 3. Exceedances are identified in the table as bold with a grey background. Laboratory Analysis reports have been included in Attachment 4. Additional sampling will be completed during the excavation to complete the horizontal delineation to meet the requirements provided by New Mexico Oil and Conservation District (NMOCD) 19.15.29.11. A copy of the NMOCD C-141 is provided with Attachment 5.

Remedial Activities

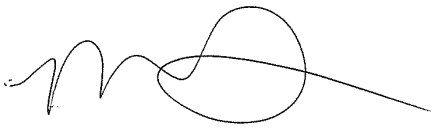
Areas identified with contaminant concentrations above closure criteria will be remediated through excavation. Laboratory results from the site assessment/characterization have been referenced to estimate both the vertical and horizontal limits of the impacts and the volume of soil to be removed. Soil will be excavated to the extents of the known contamination or in one foot increments, whichever is the lessor. Field screening will be utilized to confirm removal of contaminanted soil below the applicable closure criteria. Contaminated soils will be stored on a 30mil liner prior to disposal at an approved facility. Once excavation is complete, confirmatory samples will be

collected and laboratory analysis completed to confirm closure criteria guidelines are met. Excavations will be backfilled with clean soil sourced locally.

NMLB1122253079/2RP-824

A total of eight (8) samples were collected for analysis outside of containment area where the release occurred on the pad. Exceedances to closure criteria were found at all sample points. Soil will be excavated at a planned depth of 0.5-1 foot around all sample points. A hydro vac truck will be utilized to remove contaminated soil in close proximity to the flowlines if needed. Heavy equipment will be used to complete excavation outside of the containment. Excavation off pad will consist of the top four feet to meet NMOCD requirements. Field screening will be utilized to find the horizontal and vertical extents of the spill area. Additional horizontal delineation will be completed to find the outmost extents of contamination. Confirmatory samples will be collected as per NMOCD guidance and submitted for laboratory analysis of all applicable parameters. The estimated volume to be excavated on pad is **45 cubic yards**.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.361.9880 or mpeppin@vertex.ca.



May 10, 2022

Monica Peppin
SENIOR ENVIRONMENTAL TECHNICIAN, REPORTING

Date

Attachments

Attachment 1: Closure Criteria Research
Attachment 2: Figure
Attachment 3: Laboratory Results Table and Laboratory Analysis
Attachment 4: Laboratory Analysis Reports and Chain of Custody's
Attachment 5: NMOCD C-141 Report

ATTACHMENT 1

Closure Criteria Worksheet			
Site Name: Dayton ER Battery			
Spill Coordinates: 32.7324486, -104.3815918		**X: 32.7324486**	**Y: -104.3815918**
Site Specific Conditions		**Value**	**Unit**
1	Depth to Groundwater	**55**	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	22,187	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	47,295	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	1,438	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, **or**	1,438	feet
	ii) Within 1000 feet of any fresh water well or spring	1,438	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	2,899	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
10	Within a 100-year Floodplain	Undetermined	year
11	Soil Type	Karro laom and Reeves loam	
12	Ecological Classification	Loamy	
13	Geology	Qp-Piedmont alluvial deposits	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	<50' 51-100' >100'

File No.

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☐ Other(Describe):
☒ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☒ Temporary Request - Requested Start Date: 2/21/2022 Requested End Date: 3/31/2022

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: EOG Resources, Inc	Name:
Contact or Agent: check here if Agent ☐ Robert Asher	Contact or Agent: check here if Agent ☐
Mailing Address: 104 South Fourth Street	Mailing Address:
City: Artesia	City:
State: NM Zip Code: 88210	State: Zip Code:
Phone: 575-748-4217 ☐ Home ☐ Cell Phone (Work):	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional): bob_asher@eogresources.com	E-mail (optional):

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No.:	Trn. No.:	Receipt No.:
Trans Description (optional):		
Sub-Basin:	PCW/LOG Due Date:	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
	32.734210	-104.381822	Unit Letter 'H', Section 21, T18S, R26E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ■ No If yes, how many_____

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: EOG Resources, Inc.

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ■ No
If yes, how many_____

Approximate depth of well (feet): 55'	Outside diameter of well casing (inches): N/A
Driller Name: Hungry Horse, LLC	Driller License Number: 1755

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

The borehole will be drilled according to NMOCD request. Depth to water data for the wells within a half mile of the site are all over 25 years old. Attempted to gauge one well and found the well had collapsed. Permission to gauge any other of these wells could not be obtained. As per NMOCD, drill a 55' borehole, wait 72 hrs, and check for presence of water. If water is present driller will notify NMOSE and NMOCD for guidance on possibly converting the well to a monitoring well. If no water is present the well will be plugged.

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory:	**Pollution Control and/or Recovery:**	**Construction De-Watering:**	**Mine De-Watering:**
☐ Include a description of any proposed pump test, if applicable.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ■ Include the reason for the monitoring well, and, ■ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Robert Asher
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☐ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this _____ day of _____ 20 _____ , for the State Engineer,

_____, State Engineer

By: _____ _____
Signature Print

Title: _____
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.:	Trn No.:

Full Extent | Previous Extent | Search | Layers | Legend | Export | Print | Share | Map Query | Point Select | Line Measure | Point Markup | Street View | Help

4-153-106-422-234

Hyperlinks

Assessor Property Information

Details

UPC
4-153-106-422-234

Map Number
N/A

Owner
EOG RESOURCES INC

Owner Address1
PO BOX 4362

Owner Address2
N/A

Owner Address City
HOUSTON

Owner Address State
TX

Owner Address Zip Code
772104362

Site Address
DAYTON ROAD

Legal Description
Subd: NORTH DAYTON Lot: 12 Block: 44 LOT 12 MAP# 117-44,12 CAB# 1 22-1 LOC DAYTON ROAD LOT SIZE 25' X 120'

Model Type
Land

Land Acreage
51

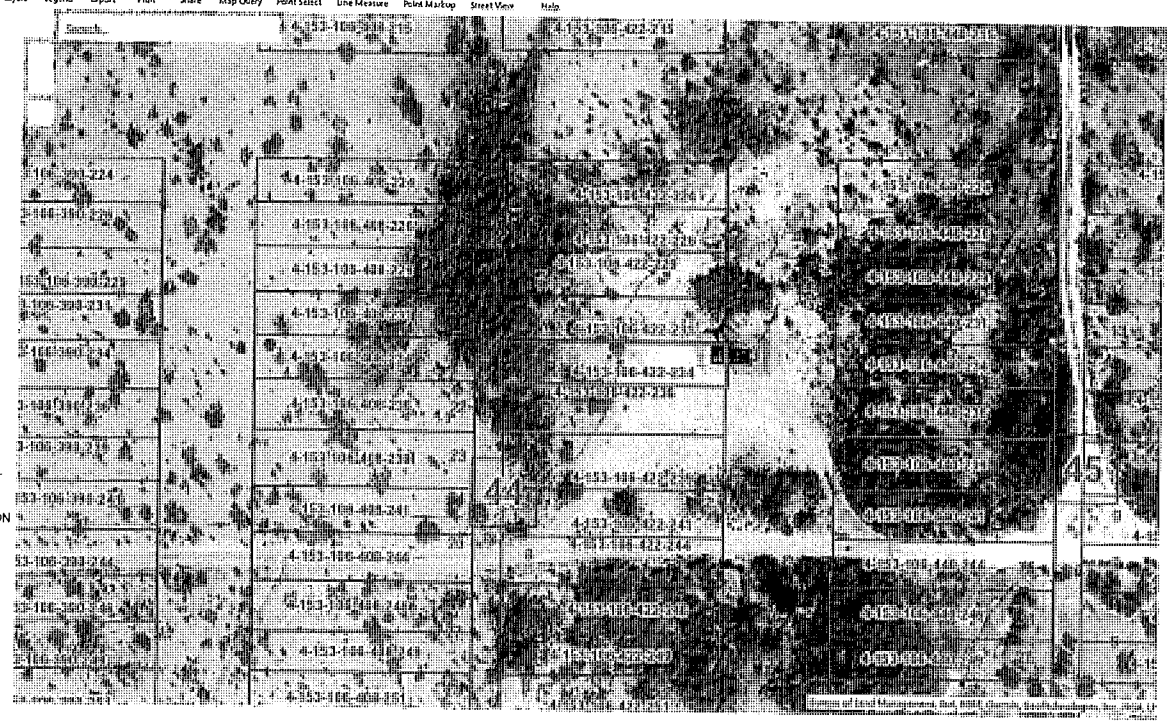
Actual Area
1

Tax Area
160_NR

Land Code
106_50_01

Book
N/A

Page
N/A



4-153-106-422-234 | World St... | 0 20 40ft | Scale 1: 564 | Go

WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: _____

Name of well owner: EOG Resources, Inc.

Mailing address: 104 South Fourth Street County: Eddy

City: Artesia State: NM Zip code: 88210

Phone number: 575-748-4217 E-mail: bob_asher@gmail.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Hungry Horse, LLC

New Mexico Well Driller License No.: 1755 Expiration Date: 10/14/2023

IV. WELL INFORMATION: ☐ **Check here if this plau describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this sectiou.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 44 min, 3.16 sec
Longitude: 104 deg, 22 min, 54.56 sec, NAD 83

2) Reason(s) for plugging well(s):

No water present

3) Was well used for any type of monitoring program? Yes If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? No If yes, provide additional detail, including analytical results and/or laboratory report(s): N/A

5) Static water level: >100 feet below land surface / feet above land surface (circle one)

6) Depth of the well: 55 feet

7) Inside diameter of innermost casing: N/A inches.

8) Casing material: N/A

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: N/A

☐ a well screen or perforated pipe, state the screened interval(s): N/A

10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A

11) Was the well built with surface casing? No If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? N/A If yes, please describe:

N/A

12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

The borehole will be grouted using a tremie pipe, from the bottom to the surface.

2) Will well head be cut-off below land surface after plugging? N/A

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: 3 bags

4) Type of Cement proposed: Bentonite Pellets

5) Proposed cement grout mix: N/A gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____ batch-mixed and delivered to the site

X mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

N/A

8) Additional notes and calculations:

N/A

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

72 hours after drilling, the well (32.734210, -104.381822) will be checked for the presence of water. If water is present the NMOSE and NMOCD will be notified for guidance on possible conversion to monitor well. If no water is present the well will be plugged according to NMOSE Well Plugging Handbook, Appendix A, Permit Condition 6E. Within 20 days of well plugging, driller will submit Well Plugging Record WD-11 to NMOSE. The maximum period of time for completion of the operation will be 30 days.

VIII. SIGNATURE:

I, Robert Asher, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Signature of Applicant — Date: 3/4/2022

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

_____ Approved subject to the attached conditions.
_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this _____ day of _____, _____

John R. D'Antonio Jr. P.E., New Mexico State Engineer

By: _____

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			
Bottom of proposed interval of grout placement (ft bgl)			
Theoretical volume of grout required per interval (gallons)			
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch-mixed and delivered?			
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	10	0	
Bottom of proposed sealant of grout placement (ft bgl)	55	10	
Theoretical volume of sealant required per interval (gallons)	N/A	N/A	
Proposed abandonment sealant (manufacturer and trade name)	native soil	bentonite	

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FAQs

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1		RA-13158

WELL OWNER NAME(S)	PHONE (OPTIONAL)
EOG Resources, Inc	575-748-4217

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
104 South Fourth Street	Artesia	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	44	3.16	N
	LONGITUDE	04	22	54.56	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Unit Letter "H", Section 21, T 18S, R 26E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1755	John Norris	Hungry Horse, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
04/04/2022	04/04/2022		55	NA

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			No Casing				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
1	55	6	Bentonite Chips	10.8	~~Tremie~~ Top

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	10	10	Surface sand/rock mix	Y ✓ N	
10	40	30	rock/sand mix	Y ✓ N	
40	50	10	clay	Y ✓ N	
50	55	5	sand	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: Not tested

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: The borehole was drilled according to NMOCD request as no water wells exist within a half-mile radius of a release site. As per NMOCD, drill a 55' borehole, wait 72 hours, then gauge for presence of water. No water was present so borehole was plugged.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Dean Parent

6. SIGNATURE

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

John Norris — 04/15/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13158 POD1

Well owner: EOG Resources, Inc Phone No.: 575-748-4217

Mailing address: 104 South Fourth Street

City: Artesia State: NM Zip code: 88210

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Hungry Horse, LLC

2) New Mexico Well Driller License No.: 1755 Expiration Date: 10/14/2023

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): John Norris

4) Date well plugging began: 04/12/2022 Date well plugging concluded: 04/12/2022

5) GPS Well Location: Latitude: 32 deg, 44 min, 3.16 sec
Longitude: 104 deg, 22 min, 54.56 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: measuring tape

7) Static water level measured at initiation of plugging: NA ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 3/24/2022

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	Bentonite pellets	80.79		top	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, John Norris, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

04/15/2022
Date

Version: September 8, 2009
Page 2 of 2

DTGW Borehole

DTGW Buffer (0.5 mi.)

VERTEX

0 0.125 0.25 mi.

Map Center:
Lat/Long: 32.733904, -104.381280

NAD 1983 UTM Zone 13N

Date: Apr 14/22

N

DTGW Borehole
Gates AAC #2/ Dayton ER Battery

FIGURE:

4

eog resources

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Imagery from ESRI, 2020. Borehole locations from GPS, Vertex Professional Services, Ltd., 2021.

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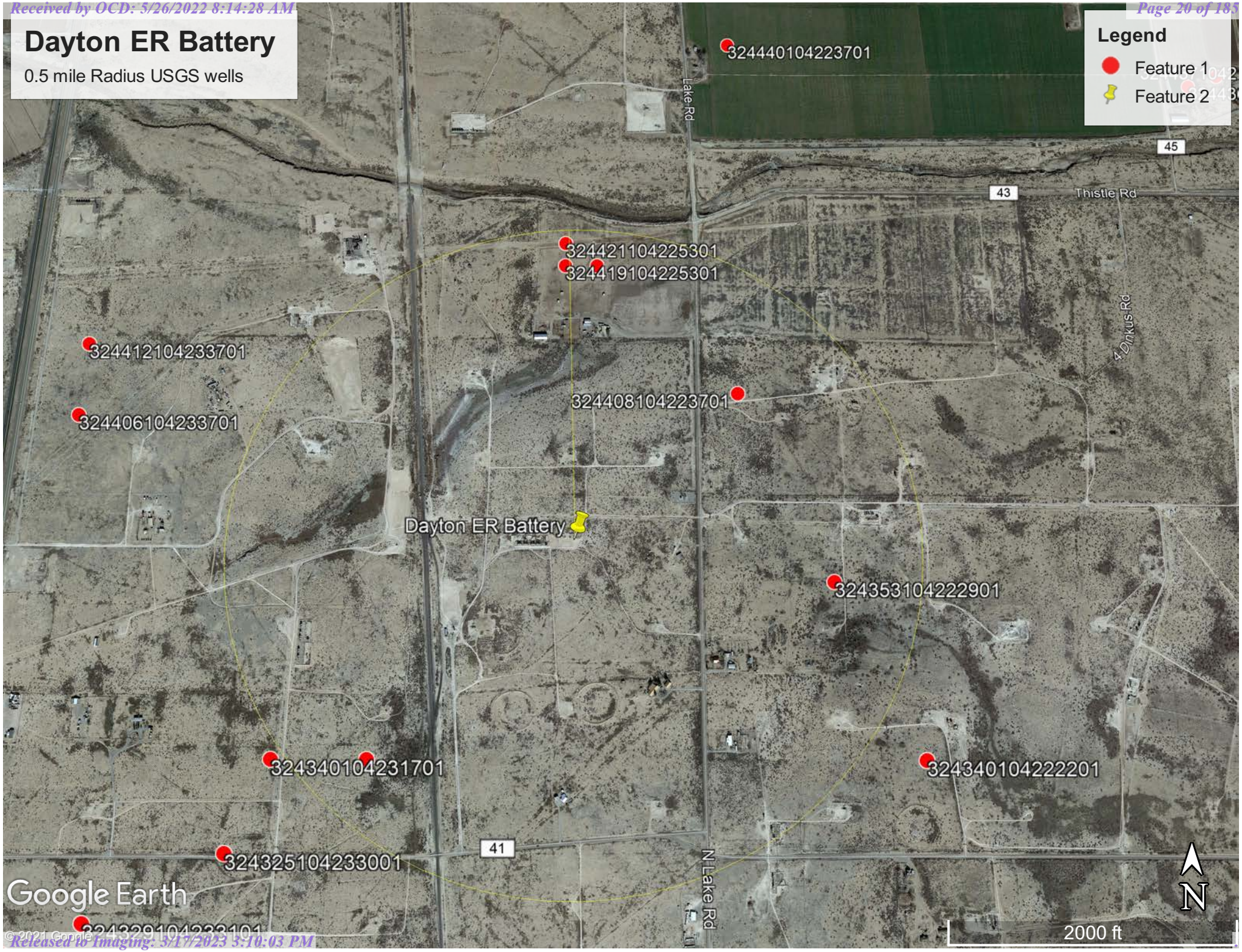
Document Path: G:\1-Projects_US PROJECTS\EOG Resources Inc\22E-00124\02 Gates AAC #2\Figure 4 DTWG Borehole Gates AAC #2.mxd


Dayton ER Battery
0.5 mile Radius USGS wells
Legend
Feature 1
Feature 2
324440104223701
Lake Rd
45
43
Thistle Rd
Dunlap Rd
324421104225301
324419104225301
324412104233701
324408104223701
324406104233701
Dayton ER Battery
324353104222901
324340104231701
324340104222201
41
324325104233001
N Lake Rd
Google Earth
2000 ft
N

Dayton ER Battery

Nearest USGS Well within 25 years years old: 324421104225301
Latest Reading: 2004
DTGW: 50 ft
Distance to Well: 0.47 miles

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

site_no list =

- 324408104223701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

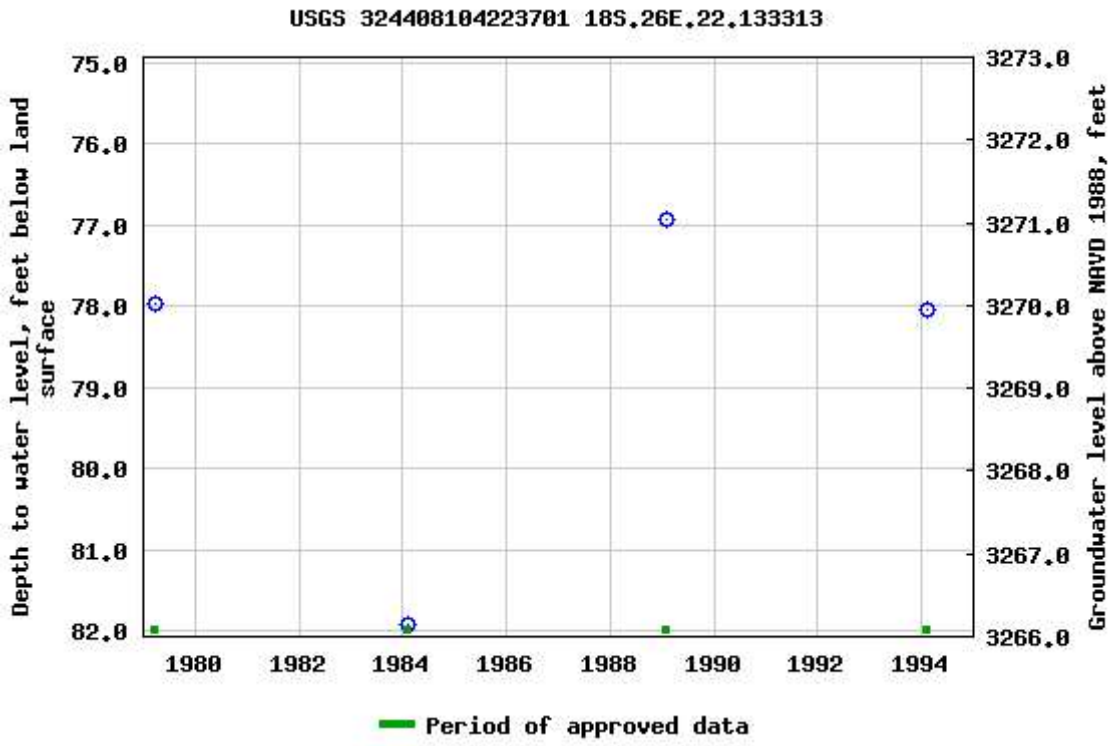
USGS 324408104223701 18S.26E.22.133313

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°44'08", Longitude 104°22'37" NAD27
Land-surface elevation 3,348 feet above NAVD88
The depth of the well is 100 feet below land surface.
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
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Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2021-09-02 12:38:26 EDT
0.58 0.52 nadww01

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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- Full News

Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

site_no list =

- 324421104225301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

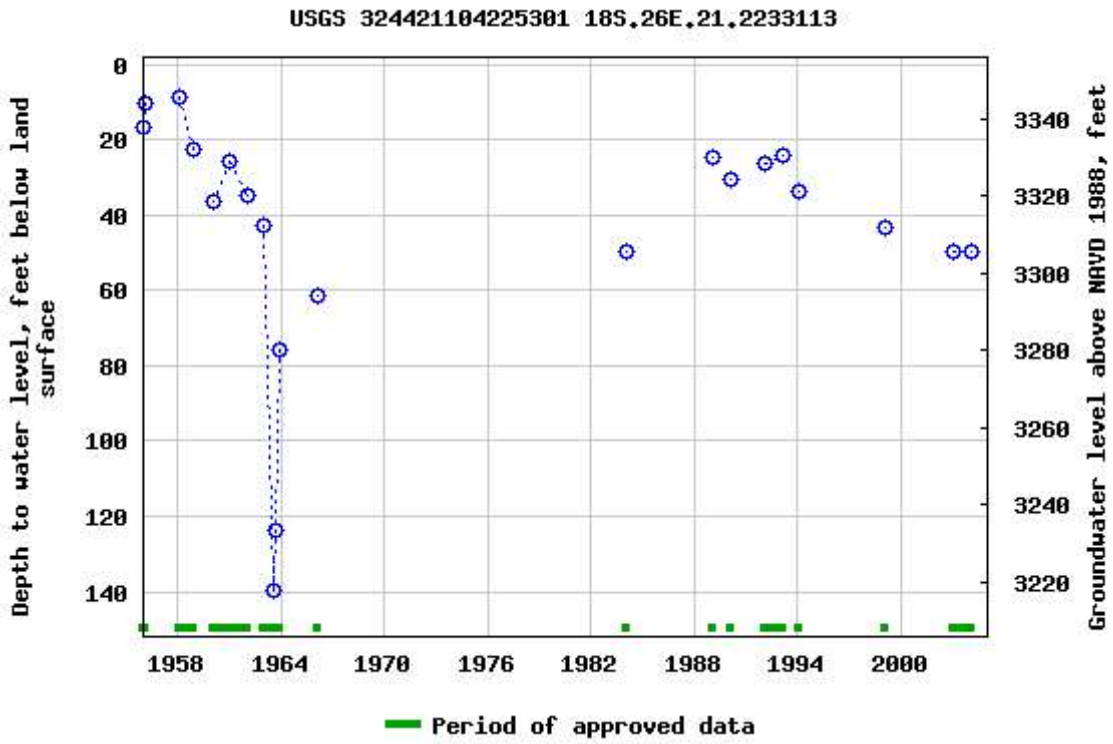
USGS 324421104225301 18S.26E.21.2233113

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060010
Latitude 32°44'21", Longitude 104°22'53" NAD27
Land-surface elevation 3,356 feet above NAVD88
The depth of the well is 1,099 feet below land surface.
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.
This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

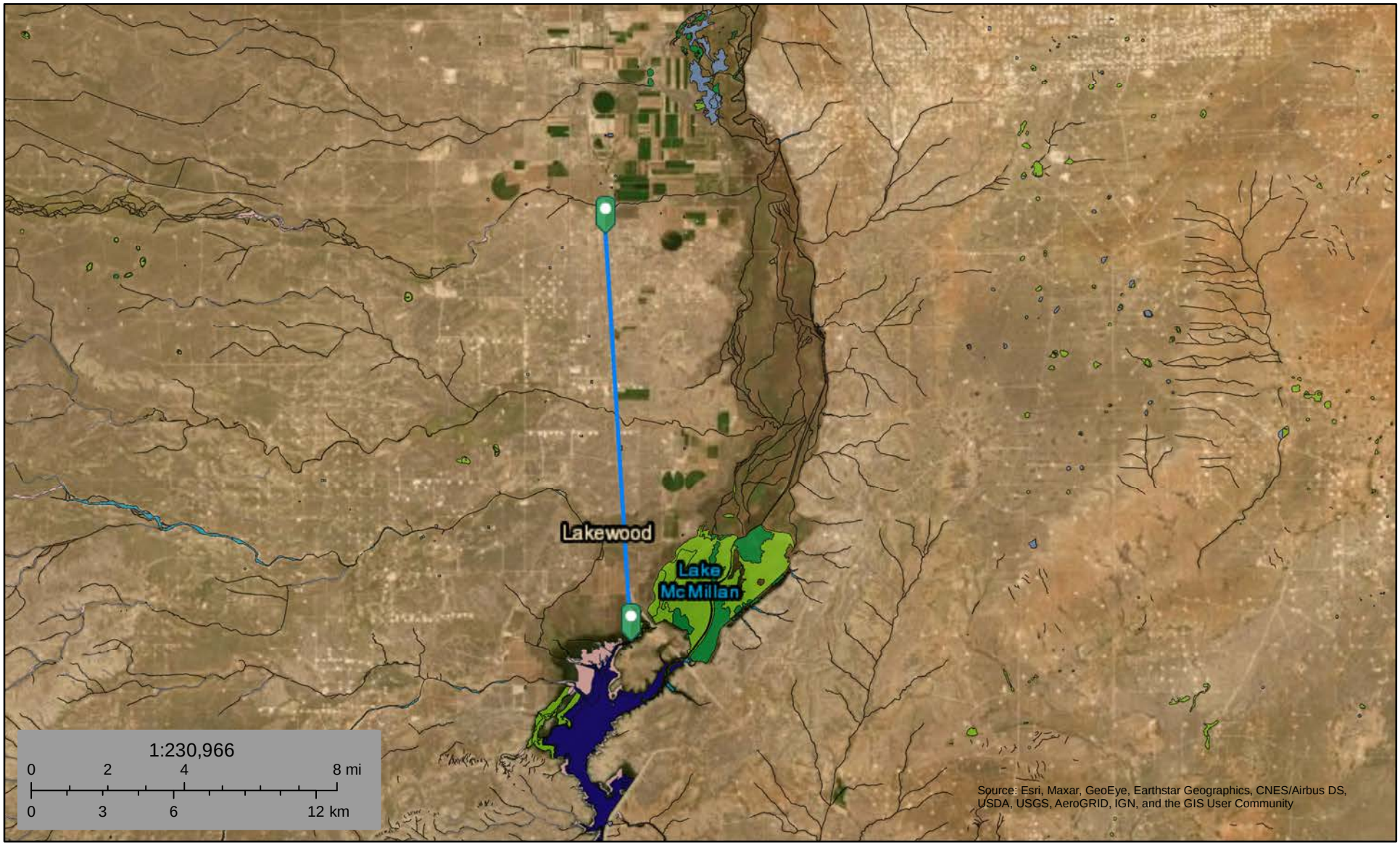
Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2021-09-02 12:42:19 EDT
0.61 0.54 nadww01

U.S. Fish and Wildlife Service
National Wetlands Inventory

Dayton ER Battery



September 2, 2021

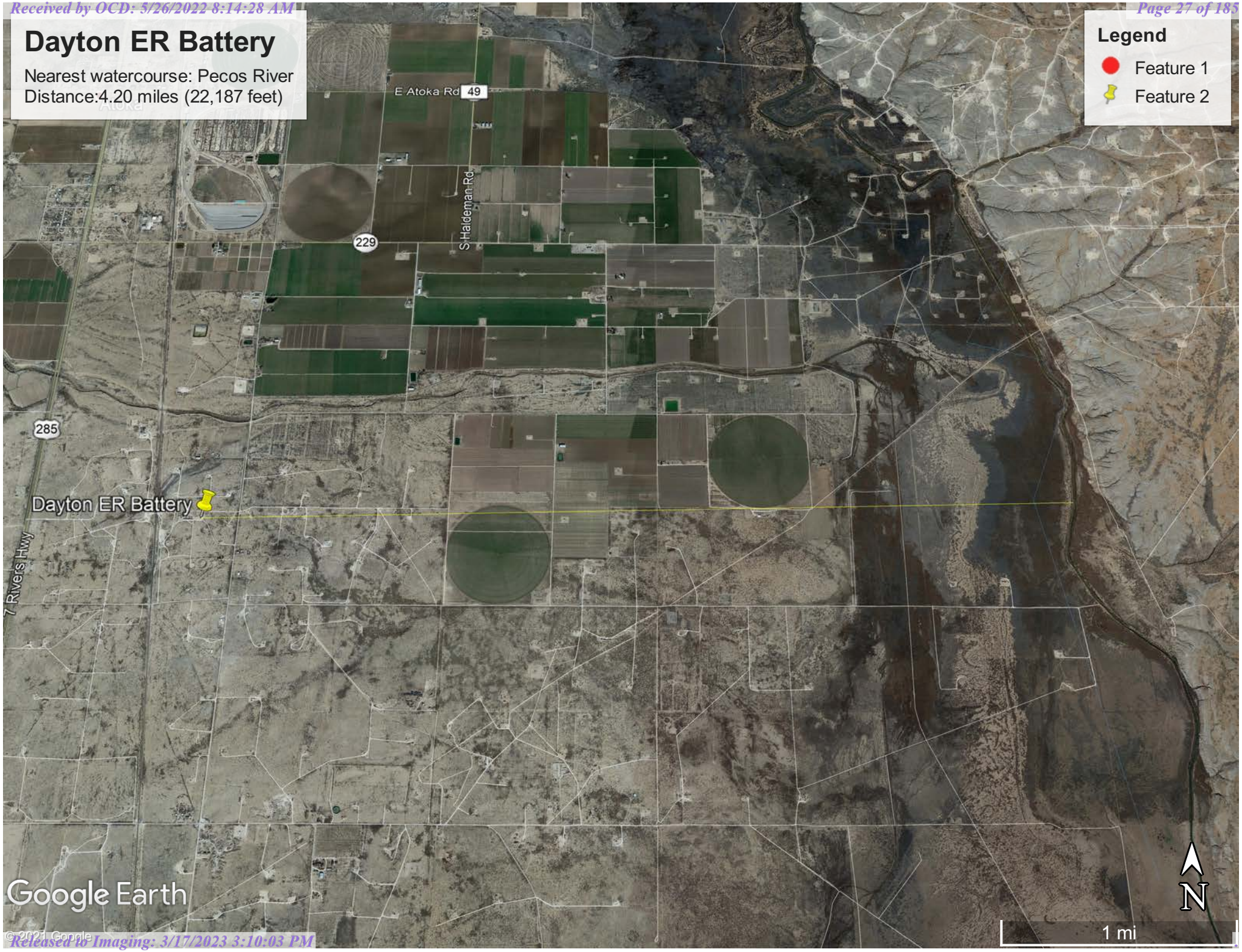
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Dayton ER Battery

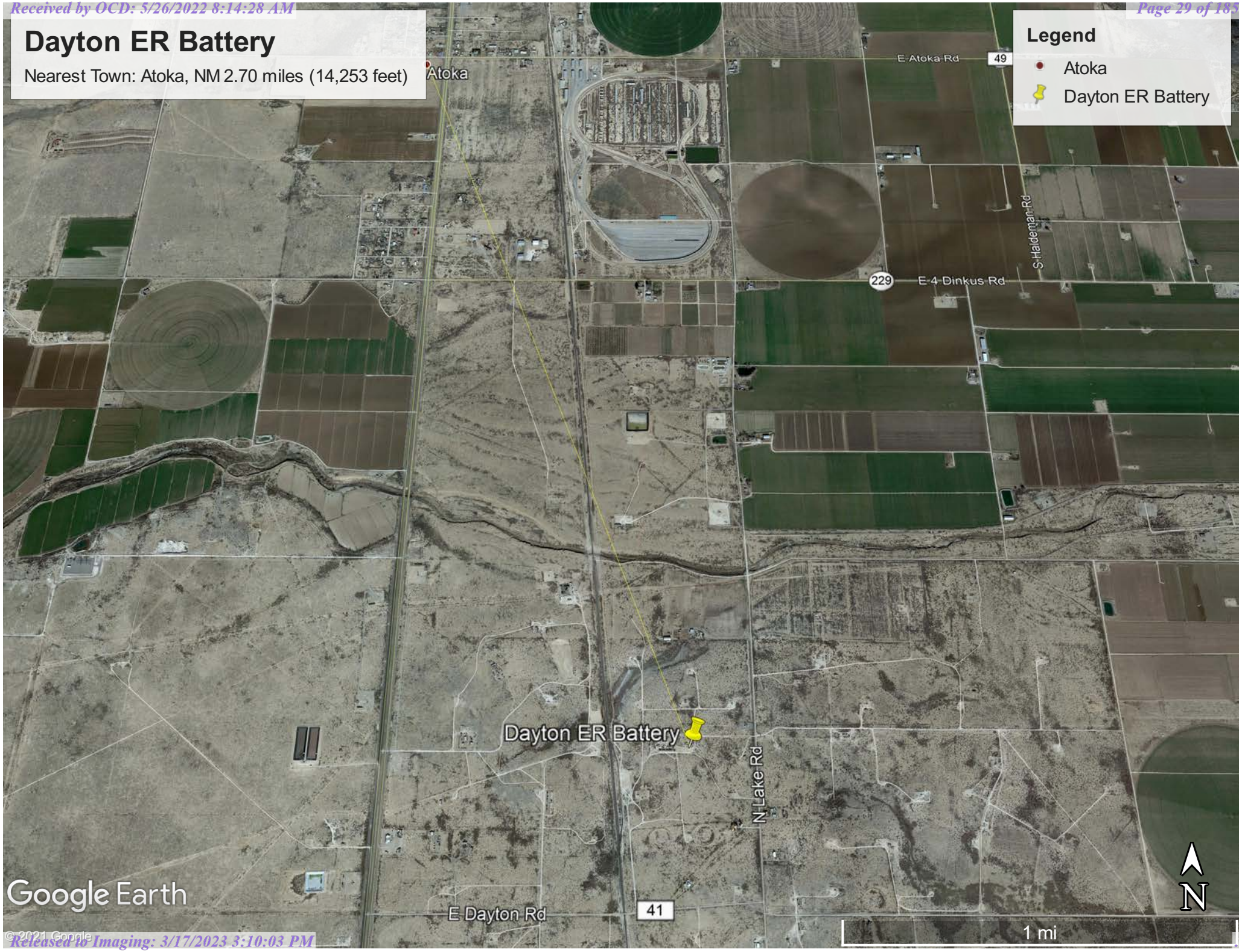
Nearest watercourse: Pecos River
Distance:4.20 miles (22,187 feet)




Dayton ER Battery
Nearest Residence: 0.27 miles (1438 feet)
Legend
Feature 1
Feature 2
Dayton ER Battery
N Lake Rd
Residence
Google Earth
© 2021 Google
N
800 ft

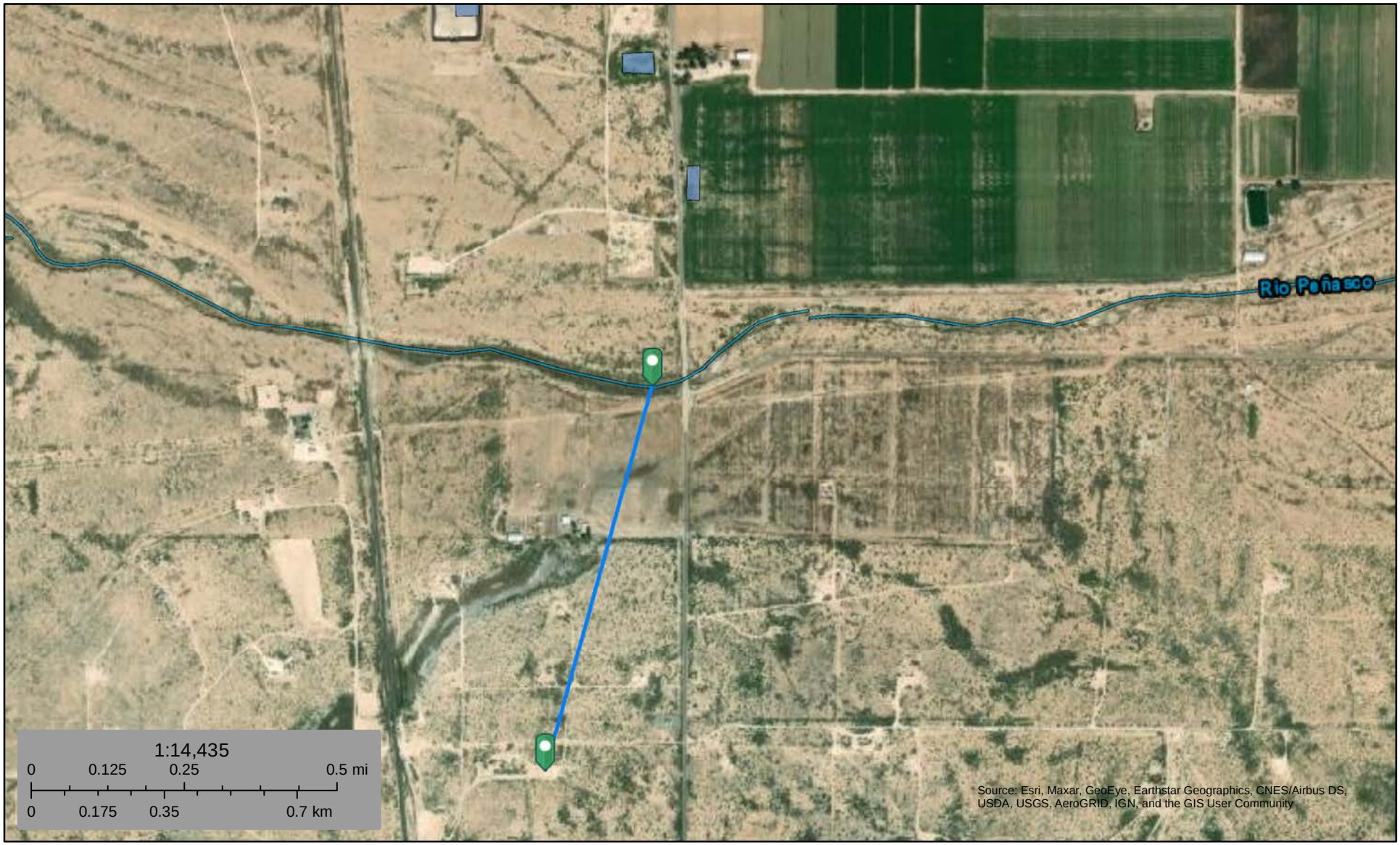
Dayton ER Battery

Nearest Town: Atoka, NM 2.70 miles (14,253 feet)



U.S. Fish and Wildlife Service
National Wetlands Inventory

Dayton ER Battery



September 2, 2021

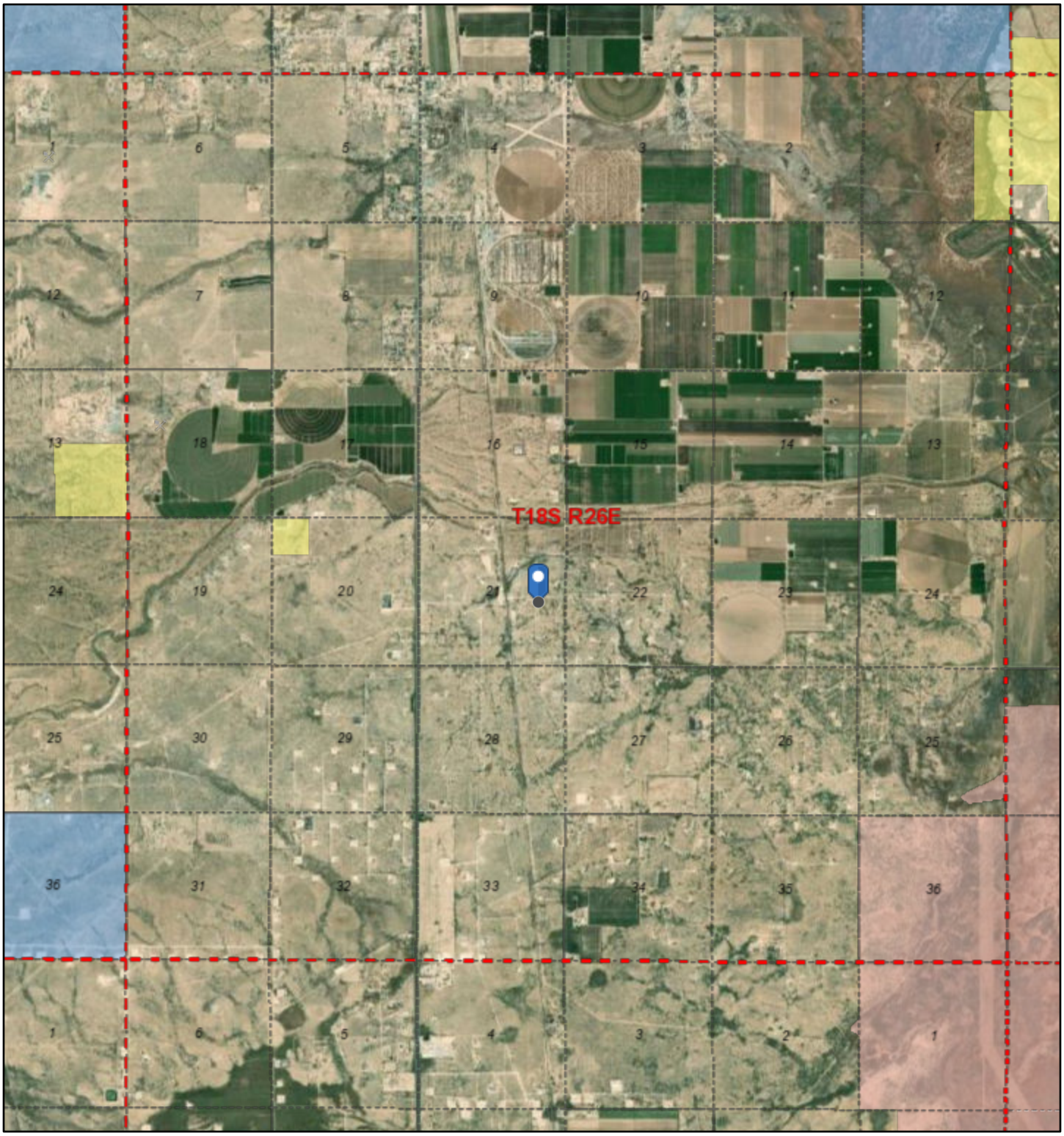
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Dayton ER Battery



9/2/2021, 1:24:33 PM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Township / Range
Sections

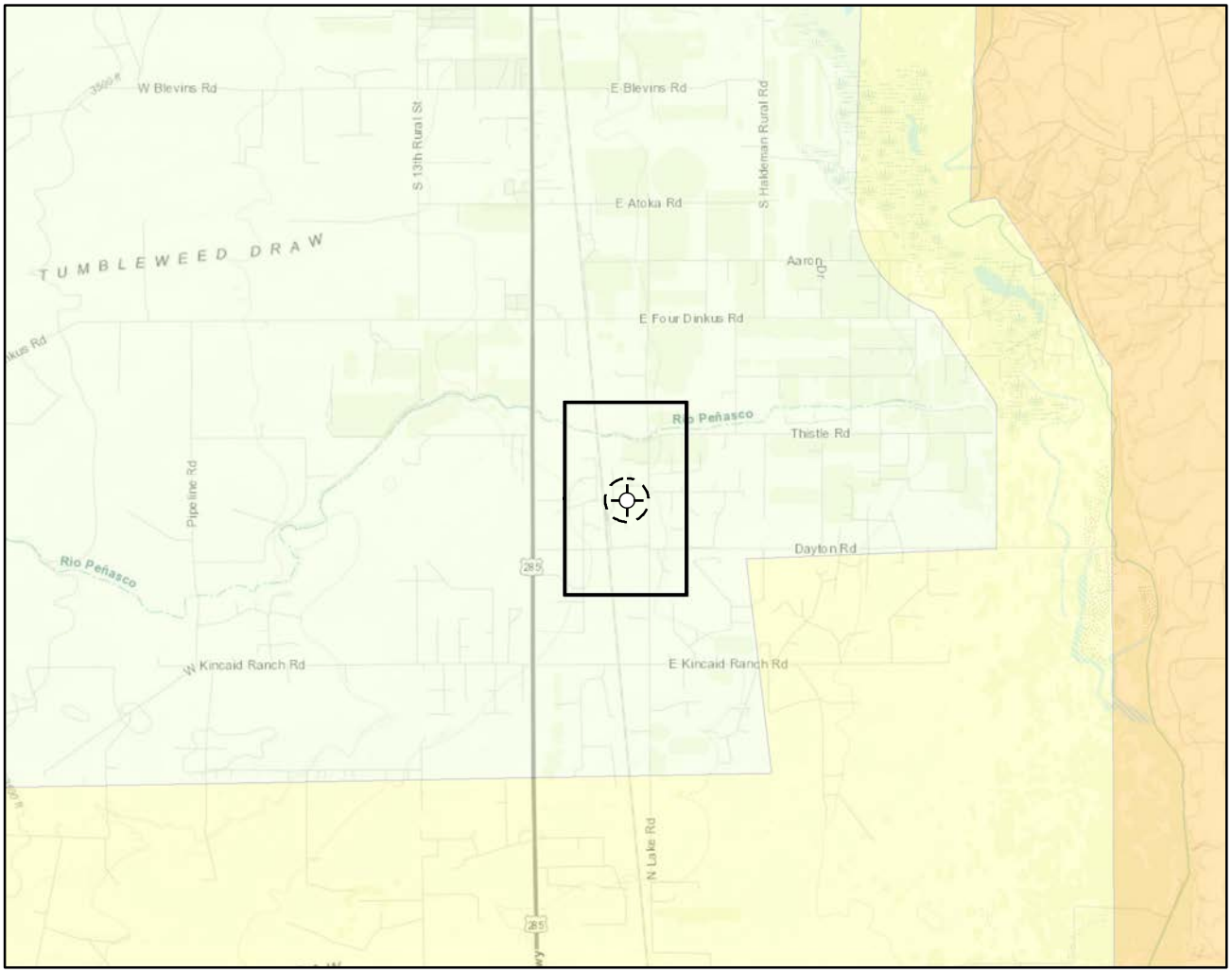
Land Ownership

Bureau of Land Management
Bureau of Reclamation
Department of Agriculture
Department of Defense
Department of Energy
National Park Service
Private Land
State Game and Fish
State Land
State Parks
Tribal

Esri, HERE, Garmin, U.S. Bureau of Land Management - New Mexico State Office, Earthstar Geographics

EMNRD MMD GIS Coordinator

NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)



Karst Potential

- Critical
- High
- Medium
- Low

- Site
- Site Buffer (1,000 ft.)

Overview Map

0 0.25 0.5 1 1.5 mi

Detail Map

0 600 1,200 ft.

VERTEX

Map Center:
Lat/Long: 32.732593, -104.381879

NAD 1983 UTM Zone 13N
Date: Sep 07/21

N

Dayton ER Battery
Karst Potential

FIGURE:
X

eog resources

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Inset Map, ESRI 20XX; Overview Map: ESRI World Topographic; United States Department of the Interior, Bureau of Land Management. (2018). Karst Potential.

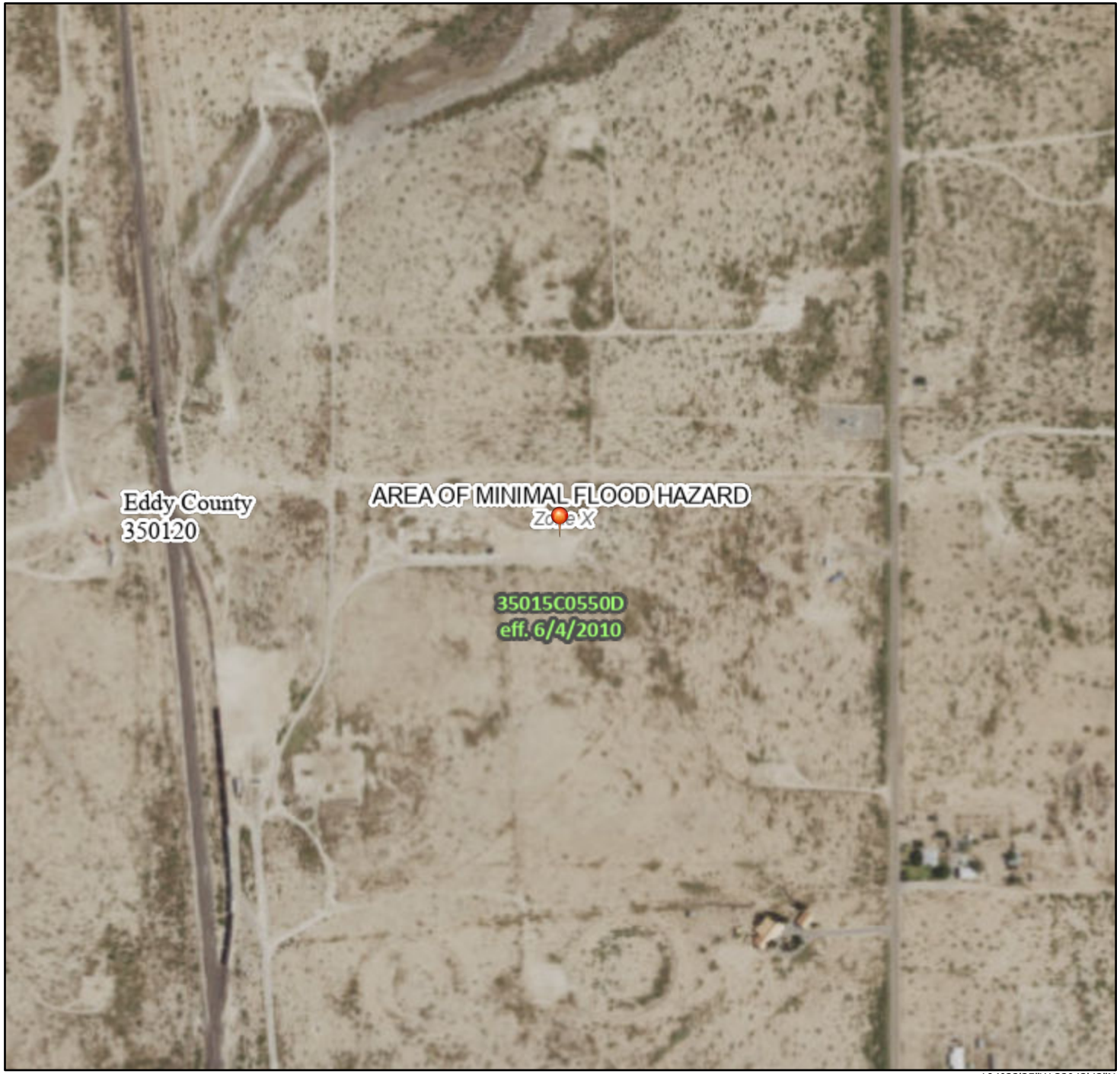
VERSATILITY. EXPERTISE.

Document Path: G:\1-Projects_US PROJECTS\EOG Resources Inc\21E-03278\001 - Dayton ER Battery\Figure X Karst (Dayton ER Battery).mxd

National Flood Hazard Layer FIRMette

FEMA

104°23'12"W 32°44'12"N



104°22'35"W 32°43'42"N

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

1:6,000

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

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

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

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

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

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

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/2/2021 at 3:29 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Soil Map—Eddy Area, New Mexico

Map Scale: 1:1,280 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Kr	Karro loam, 0 to 1 percent slopes	2.1	28.2%
Rn	Reeves loam, 1 to 3 percent slopes	5.3	71.8%
Totals for Area of Interest		**7.3**	**100.0%**

Eddy Area, New Mexico

Kr—Karro loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w4v
Elevation: 2,500 to 5,300 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 57 to 64 degrees F
Frost-free period: 200 to 230 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Karro and similar soils: 99 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Karro

Setting

Landform: Alluvial fans, plains
Landform position (three-dimensional): Riser, rise, talf
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 10 inches: loam
H2 - 10 to 90 inches: clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 60 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: High (about 10.5 inches)

Interpretive groups

Land capability classification (irrigated): 2s
Land capability classification (nonirrigated): 6s
Hydrologic Soil Group: C
Ecological site: R042XC030NM - Limy

Hydric soil rating: No

Minor Components

Reeves

Percent of map unit: 1 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

Eddy Area, New Mexico

Rn—Reeves loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5q
Elevation: 1,250 to 4,800 feet
Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 120 to 225 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reeves and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Hills, plains, ridges
Landform position (two-dimensional): Backslope, footslope, shoulder, toeslope
Landform position (three-dimensional): Crest, nose slope, side slope, head slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

Ap - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Minor Components

Karro

Percent of map unit: 1 percent
Ecological site: R042XC030NM - Limy
Hydric soil rating: No

Cottonwood

Percent of map unit: 1 percent
Ecological site: R042XC006NM - Gyp Upland
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

Ecological Reference Worksheet

Author(s) / participant(s): John Tunberg,

Contact for lead author : 505-761-4488 **Reference site used? Yes/No** No

Date: 2/12/2010 **MLRA:** 42.3 **Ecological Site:** Loamy This *must* be verified based on soils and climate (see Ecological Site Description). Current plant community *cannot* be used to identify the ecological site.

Indicators: For each indicator, describe the potential for the site. Where possible, **(1)** use numbers, **(2)** include expected range of values for above and below average years for **each** community within the reference state, when appropriate & **(3)** site data. Continue description on separate sheet.

1. Number and extent of rills There should not be any rills.

After wildfires, or abnormally high human or herbivore impacts or extended drought or combinations of these disturbances rills may double in number on steeper slopes at the margins of this site after high-intensity summer thunderstorms. Any rills formed should not be long lived or interconnected and should heal rapidly.

2. Presence of water flow patterns: There can be evidence of sheet flow.

There can be a few flow patterns that should be short and discontinuous. There can be some sheet flow. Water flow patterns should only be present following intense storm events on upper slope limits at the margins of this site. Numerous obstructions alter flow paths. Flow pattern length and numbers may double after wildfires, or abnormally high human or herbivore impacts or extended drought or combinations of these disturbances.

3. Number and height of erosional pedestals or terracettes: Pedestals should be rare. Terracettes can occure and should be discontinuous

There can be a few pedestals that should be less than 1 inch high. Terracettes can be common and should be discontinuous. If present plant or rock pedestals and terracettes are almost always in flow patterns. Wind caused pedestals are rare and only would be on the site following after wildfires, or abnormally high human or herbivore impacts or extended drought or combinations of these disturbances. These would show signs of healing within 1 year after event.

4. Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground) :

Bare ground can make up to 50% of the ground cover on this site according to the ESD. Bare patch size should be small.

5. Number of gullies and erosion associated with gullies:

Gullies and erosion associated with gullies should be rare are infrequent. Typically, gullies if present will only follow the micro topography. Natural drainages with little to no active cutting are common on this site. There should not be any accelerated erosion. After high-intensity summer thunderstorms or after wildfire, or abnormally high human or herbivore impacts or extended drought or combinations of these disturbances then gully formation would be accelerated for a year or two. Evidence of healing within 1 year of event and continuing after that.

6. Extent of wind scoured, blowouts and/or depositional area

There should not be any wind scoured, blowouts and/or depositional areas. However there can be potential for depositional areas. Wind erosion is minimal when the site is in a well vegetated condition. Significant wind erosion would only be present following high-intensity summer thunderstorms, after wildfire, or abnormally high human or herbivore impacts or extended drought or combinations of these disturbances. After rain events, exposed soil surfaces form physical crusts that tend to reduce wind erosion. Deposition from off site sources can be common on this site and is in fact a primary soil forming process. This site is succeptable to wind erosion when vegetation is removed or significantly decreased.

7. Amount of litter movement (describe size and distance expected to travel) :

Litter should be small (less than “1 in diameter) and its movement should be minimal. This site has adequate vegetation to stop litter movement after short distances. Most of the litter movement on this site will be litter that has been transported onto the site from adjacent sites. Litter produced on this site stays on the site and only travels short distances.

8. Soil surface (top few mm) resistance to erosion (stability) values are averages - most sites will show a range of values for both plant canopy and interspaces, if different) :

This site can be susceptible to alluvial erosion. Stability values are estimated to be 1-2 in interspaces and 3-5 at bases of vegetation. This would l

9. Soil surface structures and SOM content (include type and strength of structure, and A-horizon color and thickness for both plant canopy and interspaces, if different) :

The SOM content should be less than 1%. A--0 to 6 inches; grayish brown (10YR 5/2) loam, dark grayish brown (10YR 4/2) moist; weak fine subangular blocky structure; hard, friable, slightly sticky; surface 1/2 to 2 inches has weak thin to medium platy structure; common very fine and fine pores; common very fine, fine and medium roots; strongly calcareous; slightly alkaline (pH 7.6); clear smooth boundary. (4 to 8 inches thick)

10. Effect of plant community composition (relative proportion of different functional groups) & spatial distribution on infiltration & runoff:

Overall, infiltration rates should be slow for this site but can be higher around bases of grasses than in interspaces and around bases of shrubs. The soils of this site are deep to moderately deep. The moderately deep soils have either a petrocalcic, petrogypsic or gypsum horizon between 30 and 40 inches. Surface textures are loam, silt loam, very fine sandy loam, or clay loam. Substratum textures are loam, silty clay loam, clay loam, or silt loams. Subsoil textures are silt loam , clay loam silty clay loam, gravelly loam, gravelly clay loam or very gravelly loam. Permeability is moderate to slow and the available water holding capacity is high to moderate.

11. Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction):

There should not be any compaction layers on this site. There are soil profile features in the top 9 inches of the soil profile that would be mistaken for a management induced soil compaction layer. Management induced compaction layers will be more difficult to penetrate than clay lenses.

12. Functional/Structural Groups (list in order of descending dominance by above-ground weight using symbols: indicate much greater than (>>) , greater than (>) , and equal to (=) :

black grama >> tobosa > C 4 bunch grasses (dropseeds) > C4 midgrasses (threeawns) >= soaptree yucca, ephedra, fourwing saltbush >= forbs (croton, desert marigold, globemallow, > broom snakeweed, prickly pear, = other forbs.

13. Amount of plant mortality and decadence (include which functional groups are expected to show mortality or decadence) :

Black grama and bunchgrasses can show decadence in centers of plants.

14. Average percent litter cover (_____ %) and depth (_____ inches).

Average 15% cover and 0.75 inch deep. (As per ESD)

15. Expected annual production (this is <u>TOTAL</u> above-ground production, not just forage production):

(Low Production 650 lbs./ac.) (Average RV Production 925 lbs./ac.) (High Production 1200 lbs./ac.) After wildfires, high herbivore impacts, extended drought, or combinations of these disturbances, can cause production to be significantly reduced (100-200 lbs per ac. the first growing season following a wildfire) and recover slowly under below average precipitation regimes.

16. Potential invasive (including noxious) species (native and non-native). List species which characterize degraded states and which, after a threshold is crossed, "can, and often do , continue to increase regardless of the management of the site and may eventually dominate

Tarbush, creosote and mesquite can be invaders to this site. Invasive plants should not occur in reference plant community. However, lovegrass, Russian thistle, kochia, and other nonnative annuals may initialy invade following extended disturbance. Mesquite and tarbush and creosote and lovegrass are the greatest threat to dominate this site in the long term after disturbance (primarily following wildfire exclusion but also includes high human or herbivore impacts and extended drought). Mesquite and tarbush and creosote and lovegrass are most likely to retain dominance if allowed to alter natural fire regime (this alteration may require poor land management combined with years of wet winter-spring; dry summer-fall conditions). Any of these invaded communities represent a departure from the reference state.

17. Perennial plant reproductive capability :

Black grama reproduces by seed sporadically and reproduction by tiller and stolon can be common. The C4 midgrasses should have high reproductive potential and rapidly recover from drought in the absence of additional stresses (grazing).

Photograph (s)

MLRA : _____ **Date :** _____

Ecological Site : _____

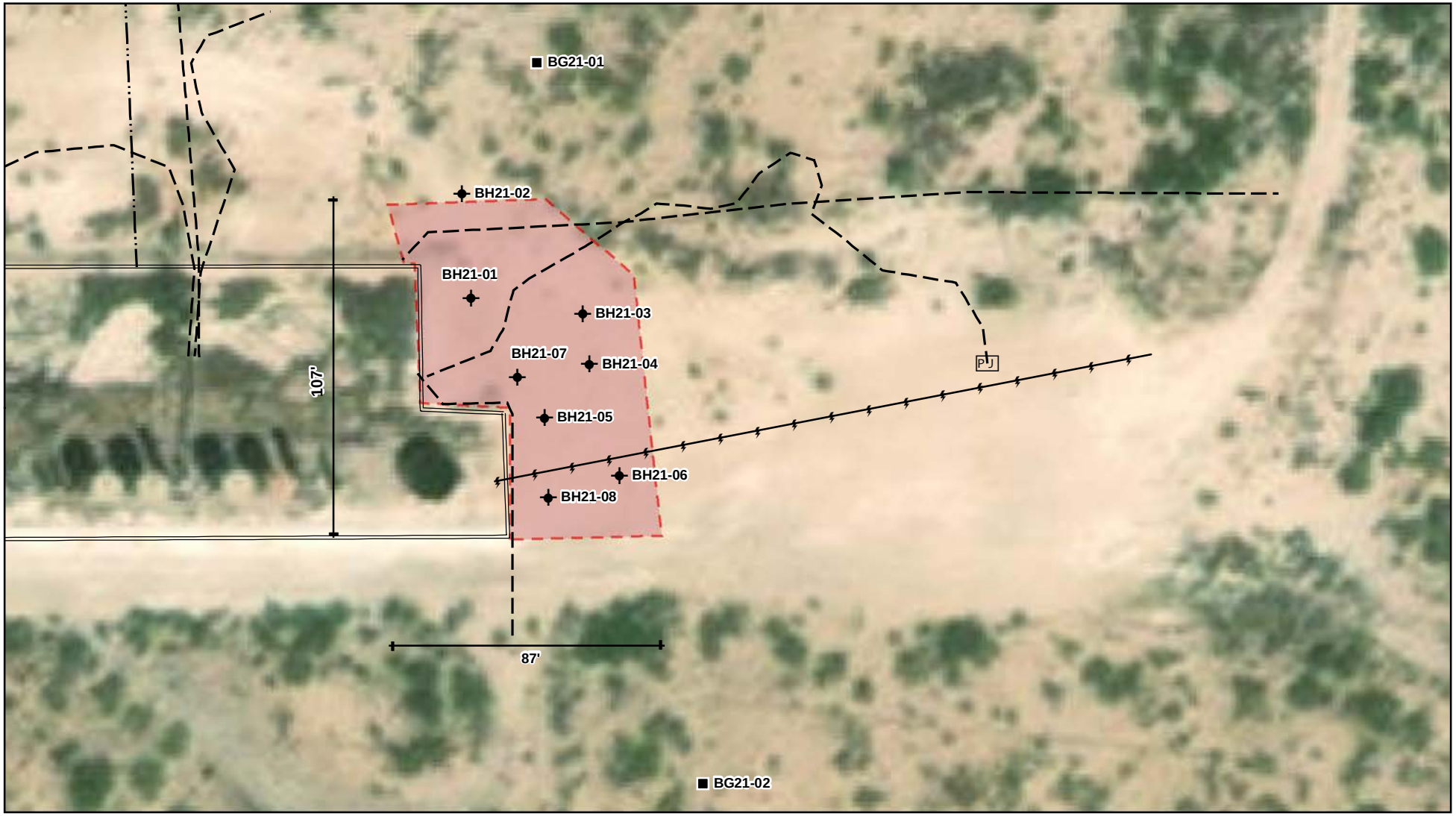
Photo # 1

Comments : _____

Photo # 2

Comments : _____

ATTACHMENT 2



Background Sample
Borehole
Pumpjack
Electrical Line
Pipeline (Aboveground)
Pipeline (Underground)
Containment Area
Approximate Release Area (~6204 sq. ft)

VERTEX

0 12.5 25 50 ft

Map Center:
Lat/Long: 32.732387, -104.381947

NAD 1983 UTM Zone 13N
Date: Jan 11/22

N

Characterization Schematic
Dayton ER Battery

FIGURE:
1

eog resources

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Imagery from ESRI, 2020. Borehole locations from GPS, Vertex Professional Services, Ltd., 2021.

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Document Path: \\vtx-s-fs01\shared\vps\04 - Geomatics\1-Projects_US PROJECTS\EOG Resources Inc\21E-03278\001 - Dayton ER Battery\Figure 1 Characterization Schematic Dayton ER Battery.mxd

ATTACHMENT 3

Client Name: EOG Resources, Inc.
Site Name: Dayton ER Battery
NMOCD Tracking #: NMLB1122253079, 2RP-824
Project #: 22E-00123
Lab Report(s): 2111132, 2111219, 2111130

Table 2. Initial Characterization Sample Field Screen and Laboratory Results - Depth to Groundwater 51-100 feet bgs

Sample Description			Field Screening			Petroleum Hydrocarbons						Inorganic
						Volatile		Extractable				
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BG21-01	0	11/1/2021	0	-	0	ND	ND	ND	ND	ND	ND	ND
BG21-01	1	11/1/2021	0	-	0	ND	ND	ND	ND	ND	ND	ND
BG21-01	2	11/1/2021	0	-	**883**	ND	ND	ND	ND	ND	ND	270
BG21-01	3	11/1/2021	0	-	**2,457**	ND	ND	ND	ND	ND	ND	600
BG21-01	4	11/1/2021	0	-	**1,150**	ND	ND	ND	ND	ND	ND	140
BG21-01	5	11/1/2021	0	-	**4,185**	ND	ND	ND	ND	ND	ND	**840**
BG21-01	6	11/1/2021	0	-	**4,351**	ND	ND	ND	ND	ND	ND	**670**
BG21-01	7	11/1/2021	0	-	**3,909**	ND	ND	ND	ND	ND	ND	500
BG21-01	8	11/1/2021	0	-	**3,175**	ND	ND	ND	ND	ND	ND	**690**
BG21-02	0	11/2/2021	0	-	72	ND	ND	ND	ND	ND	ND	ND
BG21-02	1	11/2/2021	0	-	259	ND	ND	ND	ND	ND	ND	ND
BG21-02	2	11/2/2021	0	-	**710**	ND	ND	ND	ND	ND	ND	240
BG21-02	3	11/2/2021	0	-	**1,362**	ND	ND	ND	ND	ND	ND	570
BG21-02	4	11/2/2021	0	-	**3,667**	ND	ND	ND	ND	ND	ND	410
BG21-02	5	11/2/2021	0	-	**3,821**	ND	ND	ND	ND	ND	ND	530
BG21-02	6	11/2/2021	0	-	**2,391**	ND	ND	ND	ND	ND	ND	480
BH21-01	0	11/1/2021	0	-	**8,411**	ND	ND	ND	**630**	**580**	**1210**	**12000**
BH21-01	1	11/1/2021	0	-	**7,689**	-	-	-	-	-	-	-
BH21-01	2	11/1/2021	0	-	**7,974**	-	-	-	-	-	-	-
BH21-01	3	11/1/2021	0	-	**11,416**	-	-	-	-	-	-	-
BH21-01	4	11/1/2021	0	36	**7,847**	ND	ND	ND	ND	ND	ND	**4000**
BH21-01	5	11/1/2021	0	-	**3,650**	-	-	-	-	-	-	-
BH21-01	6	11/1/2021	0	-	**2,543**	-	-	-	-	-	-	-
BH21-01	7	11/1/2021	0	-	**2,411**	-	-	-	-	-	-	-
BH21-01	8	11/1/2021	0	-	**2,385**	ND	ND	ND	ND	ND	ND	**900**
BH21-01	9	11/1/2021	0	-	**1,636**	-	-	-	-	-	-	-
BH21-01	10	11/1/2021	0	-	**1,628**	-	-	-	-	-	-	-
BH21-01	11	11/1/2021	0	-	**1,190**	ND	ND	ND	ND	ND	ND	**790**
BH21-02	0	11/1/2021	0	-	**1,551**	ND	ND	ND	ND	ND	ND	170
BH21-02	1	11/1/2021	0	-	**1,840**	-	-	-	-	-	-	-
BH21-02	2	11/1/2021	0	-	**3,116**	ND	ND	ND	ND	ND	ND	**780**
BH21-02	3	11/1/2021	0	-	**3,331**	-	-	-	-	-	-	-
BH21-02	4	11/1/2021	0	77	**1,042**	ND	ND	ND	ND	ND	ND	**800**
BH21-02	5	11/1/2021	0	-	**2,641**	-	-	-	-	-	-	-
BH21-02	6	11/1/2021	0	-	**1,444**	ND	ND	ND	ND	ND	ND	420
BH21-02	7	11/1/2021	0	-	**1,534**	-	-	-	-	-	-	-
BH21-02	8	11/1/2021	0	11	**2,518**	ND	ND	ND	ND	ND	ND	560
BH21-03	0	11/1/2021	0	-	**1,355**	ND	ND	ND	43	93	**136**	**750**
BH21-03	1	11/1/2021	0	-	**2,089**	-	-	-	-	-	-	-
BH21-03	2	11/1/2021	0	-	**2,212**	ND	ND	ND	ND	ND	ND	1300
BH21-03	3	11/1/2021	0	-	**5,243**	-	-	-	-	-	-	-
BH21-03	4	11/1/2021	0	55	**2,405**	ND	ND	ND	ND	ND	ND	**2200**
BH21-03	5	11/1/2021	0	-	**2,802**	-	-	-	-	-	-	-
BH21-03	6	11/1/2021	0	-	**2,649**	ND	ND	ND	ND	ND	ND	**1700**

Table 2. Initial Characterization Sample Field Screen and Laboratory Results - Depth to Groundwater 51-100 feet bgs													
Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BH21-03	7	11/1/2021	0	-	**5,973**	-	-	-	-	-	-	-
BH21-03	8	11/1/2021	0	66	**3,157**	ND	ND	ND	ND	ND	ND	**3500**
BH21-04	0	11/2/2021	0	20	**1,779**	ND	ND	ND	ND	ND	ND	590
BH21-04	1	11/2/2021	0	-	**3,222**	-	-	-	-	-	-	-
BH21-04	2	11/2/2021	0	-	**6,122**	ND	ND	ND	ND	ND	ND	**2400**
BH21-04	3	11/2/2021	0	-	**5,514**	-	-	-	-	-	-	-
BH21-04	4	11/2/2021	0	-	**5,523**	ND	ND	ND	ND	ND	ND	**2000**
BH21-04	5	11/2/2021	0	-	**3,498**	-	-	-	-	-	-	-
BH21-04	6	11/2/2021	0	-	**2,768**	ND	ND	ND	ND	ND	ND	**670**
BH21-04	7	11/2/2021	0	-	**1,622**	-	-	-	-	-	-	-
BH21-04	8	11/2/2021	0	19	**1,473**	ND	ND	ND	ND	ND	ND	400
BH21-05	0	11/2/2021	0	35	**4,210**	ND	ND	ND	ND	ND	ND	**4100**
BH21-05	1	11/2/2021	0	-	**6,125**	-	-	-	-	-	-	-
BH21-05	2	11/2/2021	0	-	**6,273**	ND	ND	ND	ND	ND	ND	**2300**
BH21-05	3	11/2/2021	0	-	**5,791**	-	-	-	-	-	-	-
BH21-05	4	11/2/2021	0	-	**8,114**	ND	ND	ND	ND	ND	ND	**5200**
BH21-05	5	11/2/2021	0	-	**4,619**	-	-	-	-	-	-	-
BH21-05	6	11/2/2021	0	-	**3,142**	ND	ND	ND	ND	ND	ND	**2600**
BH21-05	7	11/2/2021	0	-	**3,010**	-	-	-	-	-	-	-
BH21-05	7.5	11/2/2021	0	86	**3,002**	ND	ND	ND	ND	ND	ND	**1800**
BH21-06	0	11/2/2021	0	25	401	ND	ND	ND	ND	ND	ND	220
BH21-06	1	11/2/2021	0	-	**2,732**	-	-	-	-	-	-	-
BH21-06	2	11/2/2021	0	-	**4,464**	ND	ND	ND	ND	ND	ND	**1000**
BH21-06	3	11/2/2021	0	-	**4,236**	-	-	-	-	-	-	-
BH21-06	4	11/2/2021	0	-	**2,359**	ND	ND	ND	ND	ND	ND	**900**
BH21-06	5	11/2/2021	0	-	**3,671**	-	-	-	-	-	-	-
BH21-06	6	11/2/2021	0	-	**1,822**	ND	ND	ND	ND	ND	ND	330
BH21-06	7	11/2/2021	0	-	**1,197**	-	-	-	-	-	-	-
BH21-06	7.5	11/2/2021	0	43	**1,193**	ND	ND	ND	ND	ND	ND	270
BH21-07	0	11/2/2021	0	**6,500**	**8,291**	ND	ND	ND	**640**	**700**	**1340**	**6800**
BH21-07	1	11/2/2021	0	-	**6,931**	-	-	-	-	-	-	-
BH21-07	2	11/2/2021	0	-	**9,144**	ND	ND	ND	ND	ND	ND	**5500**
BH21-07	3	11/2/2021	0	-	**6,865**	-	-	-	-	-	-	-
BH21-07	4	11/2/2021	0	-	**7,067**	ND	ND	ND	ND	ND	ND	**3800**
BH21-07	5	11/2/2021	0	-	**8,297**	-	-	-	-	-	-	-
BH21-07	6	11/2/2021	0	-	**4,937**	-	-	-	-	-	-	-
BH21-07	6.5	11/2/2021	0	28	**2,597**	ND	ND	ND	ND	ND	ND	**4100**
BH21-08	0	11/2/2021	0	**196**	**2,657**	ND	ND	ND	ND	ND	ND	**1700**
BH21-08	1	11/2/2021	0	-	**2,114**	-	-	-	-	-	-	-
BH21-08	2	11/2/2021	0	-	**4,415**	ND	ND	ND	ND	ND	ND	**690**
BH21-08	3	11/2/2021	0	-	**4,036**	-	-	-	-	-	-	-
BH21-08	4	11/2/2021	0	-	**1,718**	ND	ND	ND	ND	ND	ND	**660**
BH21-08	5	11/2/2021	0	-	**1,079**	-	-	-	-	-	-	-
BH21-08	6	11/2/2021	0	-	**1,232**	-	-	-	-	-	-	-
BH21-08	6.5	11/2/2021	0	84	**1,713**	ND	ND	ND	ND	ND	ND	**800**

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NM OCD Closure Criteria (on-pad)
Bold and green shaded indicates exceedance outside of NM OCD Reclamation Criteria (off-pad)

VERTEX

ATTACHMENT 4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

November 08, 2021

Chase Settle
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Dayton ER Battery OrderNo.: 2111130

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 9 sample(s) on 11/3/2021 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 0'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:00:00 PM
Lab ID: 2111130-001 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	11/5/2021 7:51:55 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/5/2021 3:07:08 PM	63757
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 3:07:08 PM	63757
Surr: DNOP	91.4	70-130		%Rec	1	11/5/2021 3:07:08 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 1:20:02 PM	63744
Surr: BFB	102	70-130		%Rec	1	11/5/2021 1:20:02 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 1:20:02 PM	63744
Toluene	ND	0.049		mg/Kg	1	11/5/2021 1:20:02 PM	63744
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 1:20:02 PM	63744
Xylenes, Total	ND	0.099		mg/Kg	1	11/5/2021 1:20:02 PM	63744
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/5/2021 1:20:02 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 1'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:05:00 PM
Lab ID: 2111130-002 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	11/5/2021 8:04:19 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/5/2021 3:31:32 PM	63757
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 3:31:32 PM	63757
Surr: DNOP	86.4	70-130		%Rec	1	11/5/2021 3:31:32 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 2:30:26 PM	63744
Surr: BFB	101	70-130		%Rec	1	11/5/2021 2:30:26 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	11/5/2021 2:30:26 PM	63744
Toluene	ND	0.049		mg/Kg	1	11/5/2021 2:30:26 PM	63744
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 2:30:26 PM	63744
Xylenes, Total	ND	0.099		mg/Kg	1	11/5/2021 2:30:26 PM	63744
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 2:30:26 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 2'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:10:00 PM
Lab ID: 2111130-003 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	270	60		mg/Kg	20	11/5/2021 8:16:44 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/5/2021 3:55:58 PM	63757
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/5/2021 3:55:58 PM	63757
Surr: DNOP	83.7	70-130		%Rec	1	11/5/2021 3:55:58 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 2:53:51 PM	63744
Surr: BFB	103	70-130		%Rec	1	11/5/2021 2:53:51 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	11/5/2021 2:53:51 PM	63744
Toluene	ND	0.048		mg/Kg	1	11/5/2021 2:53:51 PM	63744
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 2:53:51 PM	63744
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 2:53:51 PM	63744
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/5/2021 2:53:51 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 3'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:15:00 PM
Lab ID: 2111130-004 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	600	60		mg/Kg	20	11/5/2021 8:29:09 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/5/2021 4:20:22 PM	63757
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/5/2021 4:20:22 PM	63757
Surr: DNOP	88.3	70-130		%Rec	1	11/5/2021 4:20:22 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 3:17:19 PM	63744
Surr: BFB	98.7	70-130		%Rec	1	11/5/2021 3:17:19 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	11/5/2021 3:17:19 PM	63744
Toluene	ND	0.049		mg/Kg	1	11/5/2021 3:17:19 PM	63744
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 3:17:19 PM	63744
Xylenes, Total	ND	0.097		mg/Kg	1	11/5/2021 3:17:19 PM	63744
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	11/5/2021 3:17:19 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 4'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:20:00 PM
Lab ID: 2111130-005 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	140	60		mg/Kg	20	11/5/2021 8:41:33 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/5/2021 4:44:48 PM	63757
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 4:44:48 PM	63757
Surr: DNOP	89.8	70-130		%Rec	1	11/5/2021 4:44:48 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 3:40:47 PM	63744
Surr: BFB	99.6	70-130		%Rec	1	11/5/2021 3:40:47 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	11/5/2021 3:40:47 PM	63744
Toluene	ND	0.050		mg/Kg	1	11/5/2021 3:40:47 PM	63744
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 3:40:47 PM	63744
Xylenes, Total	ND	0.099		mg/Kg	1	11/5/2021 3:40:47 PM	63744
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	11/5/2021 3:40:47 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 5'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:25:00 PM
Lab ID: 2111130-006 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	840	60		mg/Kg	20	11/5/2021 8:53:58 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 5:09:12 PM	63757
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 5:09:12 PM	63757
Surr: DNOP	86.1	70-130		%Rec	1	11/5/2021 5:09:12 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 4:04:23 PM	63744
Surr: BFB	99.1	70-130		%Rec	1	11/5/2021 4:04:23 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	11/5/2021 4:04:23 PM	63744
Toluene	ND	0.049		mg/Kg	1	11/5/2021 4:04:23 PM	63744
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 4:04:23 PM	63744
Xylenes, Total	ND	0.097		mg/Kg	1	11/5/2021 4:04:23 PM	63744
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/5/2021 4:04:23 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 6'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:30:00 PM
Lab ID: 2111130-007 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	670	60		mg/Kg	20	11/5/2021 9:06:22 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/5/2021 5:33:31 PM	63757
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 5:33:31 PM	63757
Surr: DNOP	86.0	70-130		%Rec	1	11/5/2021 5:33:31 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 4:28:01 PM	63744
Surr: BFB	98.9	70-130		%Rec	1	11/5/2021 4:28:01 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.023		mg/Kg	1	11/5/2021 4:28:01 PM	63744
Toluene	ND	0.047		mg/Kg	1	11/5/2021 4:28:01 PM	63744
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 4:28:01 PM	63744
Xylenes, Total	ND	0.094		mg/Kg	1	11/5/2021 4:28:01 PM	63744
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	11/5/2021 4:28:01 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 7'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:35:00 PM
Lab ID: 2111130-008 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	500	60		mg/Kg	20	11/5/2021 9:18:46 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/5/2021 5:57:50 PM	63757
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 5:57:50 PM	63757
Surr: DNOP	88.4	70-130		%Rec	1	11/5/2021 5:57:50 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 4:51:38 PM	63744
Surr: BFB	101	70-130		%Rec	1	11/5/2021 4:51:38 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	11/5/2021 4:51:38 PM	63744
Toluene	ND	0.049		mg/Kg	1	11/5/2021 4:51:38 PM	63744
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 4:51:38 PM	63744
Xylenes, Total	ND	0.099		mg/Kg	1	11/5/2021 4:51:38 PM	63744
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/5/2021 4:51:38 PM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111130**
Date Reported: **11/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-01 8'
Project: Dayton ER Battery
Collection Date: 11/1/2021 1:40:00 PM
Lab ID: 2111130-009 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	690	60		mg/Kg	20	11/5/2021 9:31:10 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 6:22:03 PM	63757
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 6:22:03 PM	63757
Surr: DNOP	95.5	70-130		%Rec	1	11/5/2021 6:22:03 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 5:15:18 PM	63744
Surr: BFB	100	70-130		%Rec	1	11/5/2021 5:15:18 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	11/5/2021 5:15:18 PM	63744
Toluene	ND	0.047		mg/Kg	1	11/5/2021 5:15:18 PM	63744
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 5:15:18 PM	63744
Xylenes, Total	ND	0.094		mg/Kg	1	11/5/2021 5:15:18 PM	63744
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/5/2021 5:15:18 PM	63744

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111130**

08-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63792** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **63792** RunNo: **82637**

Prep Date: **11/5/2021** Analysis Date: **11/5/2021** SeqNo: **2933936** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63792** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **63792** RunNo: **82637**

Prep Date: **11/5/2021** Analysis Date: **11/5/2021** SeqNo: **2933937** 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			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111130**

08-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63757** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **63757** RunNo: **82623**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2934029** 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-63757** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **63757** RunNo: **82623**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2934030** 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	97.0	68.9	135			
Surr: DNOP	4.9		5.000		98.9	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 Quanitative 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#: **2111130**

08-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **mb-63744**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **63744**	RunNo: **82648**
Prep Date: **11/3/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933607** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.4	70	130			

Sample ID: **lcs-63744**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **63744**	RunNo: **82648**
Prep Date: **11/3/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933608** 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	98.1	78.6	131			
Surr: BFB	1100		1000		115	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111130**

08-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **mb-63744** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63744** RunNo: **82648**

Prep Date: **11/3/2021** Analysis Date: **11/5/2021** SeqNo: **2933676** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: **LCS-63744** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63744** RunNo: **82648**

Prep Date: **11/3/2021** Analysis Date: **11/5/2021** SeqNo: **2933677** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	1.000	0	80.6	80	120			
Toluene	0.83	0.050	1.000	0	83.0	80	120			
Ethylbenzene	0.86	0.050	1.000	0	85.9	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Qualifiers:

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

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: **2111130** RcptNo: 1

Received By: **Tracy Casarrubias** **11/3/2021 7:35:00 AM**

Completed By: **Tracy Casarrubias** **11/3/2021 8:48:47 AM**

Reviewed By: MPG 11/03/21

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (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: 11.3.21

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	2.4	Good	Yes			

Chain-of-Custody Record

Client: EOG / Vertex
Chase Settle
Mailing Address:

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

Turn-Around Time: 5 Day
☑ Standard ☐ Rush
Project Name: Dayton ER Battery
Project #: 21E-03278
Project Manager: Dennis Williams
Sampler: MJ PJR
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp (including CF): 2.4-0=2.4 (°C)

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. 2111130	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/1	1:00	Soil	BG21-01 0'	4 oz	Ice	001	✓	✓					✓			
	1:05		BG21-01 1'			002										
	1:10		BG21-01 2'			003										
	1:15		BG21-01 3'			004										
	1:20		BG21-01 4'			005										
	1:25		BG21-01 5'			006										
	1:30		BG21-01 6'			007										
	1:35		BG21-01 7'			008										
	1:40		BG21-01 8'			009	✓	✓					✓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/2/21	1100
11/2/21	1900		CMC courier		11/3/21	0735

Remarks:
Direct bill EOG
cc: M. Peppin Final Report

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

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

November 11, 2021

Dennis Williams
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Dayton ER Battery OrderNo.: 2111132

Dear Dennis Williams:

Hall Environmental Analysis Laboratory received 14 sample(s) on 11/3/2021 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-01 0'
Project: Dayton ER Battery
Collection Date: 11/1/2021 9:30:00 AM
Lab ID: 2111132-001 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	12000	600		mg/Kg	200	11/9/2021 11:45:41 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	630	19		mg/Kg	2	11/9/2021 4:08:07 PM	63756
Motor Oil Range Organics (MRO)	580	93		mg/Kg	2	11/9/2021 4:08:07 PM	63756
Surr: DNOP	107	70-130		%Rec	2	11/9/2021 4:08:07 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	11/5/2021 1:57:59 AM	63739
Surr: BFB	95.5	70-130		%Rec	5	11/5/2021 1:57:59 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.12		mg/Kg	5	11/5/2021 1:57:59 AM	63739
Toluene	ND	0.24		mg/Kg	5	11/5/2021 1:57:59 AM	63739
Ethylbenzene	ND	0.24		mg/Kg	5	11/5/2021 1:57:59 AM	63739
Xylenes, Total	ND	0.48		mg/Kg	5	11/5/2021 1:57:59 AM	63739
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	5	11/5/2021 1:57:59 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-01 4'
Project: Dayton ER Battery
Collection Date: 11/1/2021 9:50:00 AM
Lab ID: 2111132-002 **Matrix:** SOIL
Received Date: 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	4000	150		mg/Kg	50	11/9/2021 11:58:06 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 6:45:15 PM	63756
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 6:45:15 PM	63756
Surr: DNOP	74.2	70-130		%Rec	1	11/5/2021 6:45:15 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 2:44:31 AM	63739
Surr: BFB	97.7	70-130		%Rec	1	11/5/2021 2:44:31 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 2:44:31 AM	63739
Toluene	ND	0.048		mg/Kg	1	11/5/2021 2:44:31 AM	63739
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 2:44:31 AM	63739
Xylenes, Total	ND	0.097		mg/Kg	1	11/5/2021 2:44:31 AM	63739
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	11/5/2021 2:44:31 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-01 8'
Project: Dayton ER Battery
Collection Date: 11/1/2021 10:10:00 AM
Lab ID: 2111132-003 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	900	60		mg/Kg	20	11/5/2021 10:33:12 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 7:09:32 PM	63756
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 7:09:32 PM	63756
Surr: DNOP	72.0	70-130		%Rec	1	11/5/2021 7:09:32 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 3:07:45 AM	63739
Surr: BFB	96.5	70-130		%Rec	1	11/5/2021 3:07:45 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 3:07:45 AM	63739
Toluene	ND	0.047		mg/Kg	1	11/5/2021 3:07:45 AM	63739
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 3:07:45 AM	63739
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 3:07:45 AM	63739
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	11/5/2021 3:07:45 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-01 11'
Project: Dayton ER Battery
Collection Date: 11/1/2021 10:25:00 AM
Lab ID: 2111132-004 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	790	60		mg/Kg	20	11/5/2021 10:45:36 PM	63792
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/8/2021 3:51:03 PM	63756
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/8/2021 3:51:03 PM	63756
Surr: DNOP	105	70-130		%Rec	1	11/8/2021 3:51:03 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 3:30:53 AM	63739
Surr: BFB	97.2	70-130		%Rec	1	11/5/2021 3:30:53 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	11/5/2021 3:30:53 AM	63739
Toluene	ND	0.049		mg/Kg	1	11/5/2021 3:30:53 AM	63739
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 3:30:53 AM	63739
Xylenes, Total	ND	0.099		mg/Kg	1	11/5/2021 3:30:53 AM	63739
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	11/5/2021 3:30:53 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-02 0'
Project: Dayton ER Battery
Collection Date: 11/1/2021 10:45:00 AM
Lab ID: 2111132-005 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	170	60		mg/Kg	20	11/6/2021 12:31:17 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 4:15:19 PM	63756
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/8/2021 4:15:19 PM	63756
Surr: DNOP	98.8	70-130		%Rec	1	11/8/2021 4:15:19 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 3:53:59 AM	63739
Surr: BFB	95.3	70-130		%Rec	1	11/5/2021 3:53:59 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	11/5/2021 3:53:59 AM	63739
Toluene	ND	0.047		mg/Kg	1	11/5/2021 3:53:59 AM	63739
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 3:53:59 AM	63739
Xylenes, Total	ND	0.093		mg/Kg	1	11/5/2021 3:53:59 AM	63739
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	11/5/2021 3:53:59 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-02 2'
Project: Dayton ER Battery
Collection Date: 11/1/2021 10:55:00 AM
Lab ID: 2111132-006 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	780	60		mg/Kg	20	11/6/2021 12:43:38 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 4:39:31 PM	63756
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/8/2021 4:39:31 PM	63756
Surr: DNOP	110	70-130		%Rec	1	11/8/2021 4:39:31 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 8:14:22 AM	63739
Surr: BFB	103	70-130		%Rec	1	11/5/2021 8:14:22 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 8:14:22 AM	63739
Toluene	ND	0.049		mg/Kg	1	11/5/2021 8:14:22 AM	63739
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 8:14:22 AM	63739
Xylenes, Total	ND	0.097		mg/Kg	1	11/5/2021 8:14:22 AM	63739
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/5/2021 8:14:22 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-02 4'
Project: Dayton ER Battery
Collection Date: 11/1/2021 11:05:00 AM
Lab ID: 2111132-007 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	800	60		mg/Kg	20	11/6/2021 12:55:59 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/8/2021 5:03:45 PM	63756
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2021 5:03:45 PM	63756
Surr: DNOP	102	70-130		%Rec	1	11/8/2021 5:03:45 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 8:37:40 AM	63739
Surr: BFB	102	70-130		%Rec	1	11/5/2021 8:37:40 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 8:37:40 AM	63739
Toluene	ND	0.049		mg/Kg	1	11/5/2021 8:37:40 AM	63739
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 8:37:40 AM	63739
Xylenes, Total	ND	0.098		mg/Kg	1	11/5/2021 8:37:40 AM	63739
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 8:37:40 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-02 6'
Project: Dayton ER Battery
Collection Date: 11/1/2021 11:15:00 AM
Lab ID: 2111132-008 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	420	60		mg/Kg	20	11/6/2021 1:08:20 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/8/2021 5:28:00 PM	63756
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2021 5:28:00 PM	63756
Surr: DNOP	105	70-130		%Rec	1	11/8/2021 5:28:00 PM	63756
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 9:01:02 AM	63739
Surr: BFB	99.8	70-130		%Rec	1	11/5/2021 9:01:02 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 9:01:02 AM	63739
Toluene	ND	0.050		mg/Kg	1	11/5/2021 9:01:02 AM	63739
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 9:01:02 AM	63739
Xylenes, Total	ND	0.10		mg/Kg	1	11/5/2021 9:01:02 AM	63739
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	11/5/2021 9:01:02 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-02 8'
Project: Dayton ER Battery
Collection Date: 11/1/2021 11:25:00 AM
Lab ID: 2111132-009 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	560	60		mg/Kg	20	11/6/2021 1:20:41 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/5/2021 6:46:10 PM	63757
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/5/2021 6:46:10 PM	63757
Surr: DNOP	96.5	70-130		%Rec	1	11/5/2021 6:46:10 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 9:24:21 AM	63739
Surr: BFB	100	70-130		%Rec	1	11/5/2021 9:24:21 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 9:24:21 AM	63739
Toluene	ND	0.047		mg/Kg	1	11/5/2021 9:24:21 AM	63739
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 9:24:21 AM	63739
Xylenes, Total	ND	0.094		mg/Kg	1	11/5/2021 9:24:21 AM	63739
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/5/2021 9:24:21 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-03 0'
Project: Dayton ER Battery
Collection Date: 11/1/2021 11:45:00 AM
Lab ID: 2111132-010 **Matrix:** SOIL
Received Date: 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	750	60		mg/Kg	20	11/6/2021 1:33:02 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	43	9.2		mg/Kg	1	11/10/2021 11:24:04 AM	63757
Motor Oil Range Organics (MRO)	93	46		mg/Kg	1	11/10/2021 11:24:04 AM	63757
Surr: DNOP	95.3	70-130		%Rec	1	11/10/2021 11:24:04 AM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 9:47:47 AM	63739
Surr: BFB	97.9	70-130		%Rec	1	11/5/2021 9:47:47 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 9:47:47 AM	63739
Toluene	ND	0.048		mg/Kg	1	11/5/2021 9:47:47 AM	63739
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 9:47:47 AM	63739
Xylenes, Total	ND	0.097		mg/Kg	1	11/5/2021 9:47:47 AM	63739
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	11/5/2021 9:47:47 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-03 2'
Project: Dayton ER Battery
Collection Date: 11/1/2021 11:55:00 AM
Lab ID: 2111132-011 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1300	60		mg/Kg	20	11/6/2021 1:45:24 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/5/2021 7:34:18 PM	63757
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/5/2021 7:34:18 PM	63757
Surr: DNOP	93.8	70-130		%Rec	1	11/5/2021 7:34:18 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 10:11:20 AM	63739
Surr: BFB	102	70-130		%Rec	1	11/5/2021 10:11:20 AM	63739
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 10:11:20 AM	63739
Toluene	ND	0.048		mg/Kg	1	11/5/2021 10:11:20 AM	63739
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 10:11:20 AM	63739
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 10:11:20 AM	63739
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/5/2021 10:11:20 AM	63739

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-03 4'
Project: Dayton ER Battery
Collection Date: 11/1/2021 12:05:00 PM
Lab ID: 2111132-012 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2200	59		mg/Kg	20	11/6/2021 1:57:44 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/5/2021 8:22:08 PM	63757
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/5/2021 8:22:08 PM	63757
Surr: DNOP	89.9	70-130		%Rec	1	11/5/2021 8:22:08 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 10:34:54 AM	63744
Surr: BFB	102	70-130		%Rec	1	11/5/2021 10:34:54 AM	63744
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 10:34:54 AM	63744
Toluene	ND	0.048		mg/Kg	1	11/5/2021 10:34:54 AM	63744
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 10:34:54 AM	63744
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 10:34:54 AM	63744
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 10:34:54 AM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-03 6'
Project: Dayton ER Battery
Collection Date: 11/1/2021 12:15:00 PM
Lab ID: 2111132-013 **Matrix:** SOIL
Received Date: 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1700	61		mg/Kg	20	11/6/2021 2:10:05 PM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/5/2021 8:45:59 PM	63757
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 8:45:59 PM	63757
Surr: DNOP	94.6	70-130		%Rec	1	11/5/2021 8:45:59 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 11:45:28 AM	63744
Surr: BFB	103	70-130		%Rec	1	11/5/2021 11:45:28 AM	63744
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	11/5/2021 11:45:28 AM	63744
Toluene	ND	0.047		mg/Kg	1	11/5/2021 11:45:28 AM	63744
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 11:45:28 AM	63744
Xylenes, Total	ND	0.094		mg/Kg	1	11/5/2021 11:45:28 AM	63744
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/5/2021 11:45:28 AM	63744

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

Qualifiers:

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

Analytical Report
Lab Order **2111132**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-03 8'
Project: Dayton ER Battery
Collection Date: 11/1/2021 12:25:00 PM
Lab ID: 2111132-014 **Matrix:** SOIL **Received Date:** 11/3/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	3500	150		mg/Kg	50	11/10/2021 12:35:20 AM	63796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/5/2021 9:09:47 PM	63757
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/5/2021 9:09:47 PM	63757
Surr: DNOP	103	70-130		%Rec	1	11/5/2021 9:09:47 PM	63757
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 12:56:23 PM	63744
Surr: BFB	100	70-130		%Rec	1	11/5/2021 12:56:23 PM	63744
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 12:56:23 PM	63744
Toluene	ND	0.048		mg/Kg	1	11/5/2021 12:56:23 PM	63744
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 12:56:23 PM	63744
Xylenes, Total	ND	0.097		mg/Kg	1	11/5/2021 12:56:23 PM	63744
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/5/2021 12:56:23 PM	63744

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111132**

11-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63792**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63792**	RunNo: **82637**							
Prep Date: **11/5/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933936**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63792**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63792**	RunNo: **82637**							
Prep Date: **11/5/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933937**	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-63796**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63796**	RunNo: **82658**							
Prep Date: **11/5/2021**	Analysis Date: **11/6/2021**	SeqNo: **2934243**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63796**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63796**	RunNo: **82658**							
Prep Date: **11/5/2021**	Analysis Date: **11/6/2021**	SeqNo: **2934244**	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			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111132**

11-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63757** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **63757** RunNo: **82623**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2934029** 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-63757** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **63757** RunNo: **82623**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2934030** 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	97.0	68.9	135			
Surr: DNOP	4.9		5.000		98.9	70	130			

Sample ID: **LCS-63756** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **63756** RunNo: **82622**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2934322** 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	4.4		5.000		87.6	70	130			

Sample ID: **MB-63756** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **63756** RunNo: **82622**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2934324** 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		90.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111132**

11-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **mb-63739**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **63739**	RunNo: **82607**
Prep Date: **11/3/2021**	Analysis Date: **11/4/2021**	SeqNo: **2932036** 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		98.5	70	130			

Sample ID: **lcs-63739**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **63739**	RunNo: **82607**
Prep Date: **11/3/2021**	Analysis Date: **11/4/2021**	SeqNo: **2932037** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.0	78.6	131			
Surr: BFB	1100		1000		113	70	130			

Sample ID: **mb-63744**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **63744**	RunNo: **82648**
Prep Date: **11/3/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933607** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.4	70	130			

Sample ID: **lcs-63744**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **63744**	RunNo: **82648**
Prep Date: **11/3/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933608** 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	98.1	78.6	131			
Surr: BFB	1100		1000		115	70	130			

Sample ID: **MB-63765**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **63765**	RunNo: **82648**
Prep Date: **11/4/2021**	Analysis Date: **11/6/2021**	SeqNo: **2933643** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		95.8	70	130			

Sample ID: **LCS-63765**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **63765**	RunNo: **82648**
Prep Date: **11/4/2021**	Analysis Date: **11/6/2021**	SeqNo: **2933644** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		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 Quanitative 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#: **2111132**
11-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **mb-63739** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **63739** RunNo: **82607**
Prep Date: **11/3/2021** Analysis Date: **11/4/2021** SeqNo: **2932112** 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		99.8	70	130			

Sample ID: **LCS-63739** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **63739** RunNo: **82607**
Prep Date: **11/3/2021** Analysis Date: **11/4/2021** SeqNo: **2932114** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.025	1.000	0	81.6	80	120			
Toluene	0.85	0.050	1.000	0	85.4	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.8	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: **mb-63744** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **63744** RunNo: **82648**
Prep Date: **11/3/2021** Analysis Date: **11/5/2021** SeqNo: **2933676** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: **LCS-63744** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **63744** RunNo: **82648**
Prep Date: **11/3/2021** Analysis Date: **11/5/2021** SeqNo: **2933677** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	1.000	0	80.6	80	120			
Toluene	0.83	0.050	1.000	0	83.0	80	120			
Ethylbenzene	0.86	0.050	1.000	0	85.9	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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#: **2111132**
11-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **MB-63765**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **63765**	RunNo: **82648**							
Prep Date: **11/4/2021**	Analysis Date: **11/6/2021**	SeqNo: **2933696**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		97.5	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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: 2111132 RcptNo: 1

Received By: Tracy Casarrubias 11/3/2021 7:35:00 AM

Completed By: Tracy Casarrubias 11/3/2021 9:06:34 AM

Reviewed By: KPG 11/03/21

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (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: _____

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	2.4	Good	Yes			

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 3 Day
☑ Standard ☐ Rush

Project Name: Dayton ER Battery

Project #: 21E-03278

Project Manager: ~~Ross~~ Dennis Williams

Sampler: MJP/JR

On Ice: ☒ Yes ☐ No

# of Coolers: (

Cooler Temp(including CF): 2.4-0=2.4 (°C)

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. 2111132	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/1	9:30	Soil	BH21-01 0'	402	ice	001	✓	✓					✓			
	9:50		BH21-01 4'			002										
	10:10		BH21-01 8'			003										
	10:25		BH21-01 11'			004										
	10:45		BH21-02 0			005										
	10:55		BH21-02 2			006										
	11:05		BH21-02 4			007										
	11:15		BH21-02 6			008										
	11:25		BH21-02 8			009										
	11:45		BH21-03 0			010										
	11:55		BH21-03 2			011										
	12:05		BH21-03 4			012										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
11/2/21	1100				11/2/21	1100
11/2/21	1900		CHC courier		11/3/21	0735

Remarks: Direct bill EOG

CC: M. Peppin Final Report

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 / Vortex
Chase Settle

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 Day
☑ Standard ☐ Rush

Project Name: Dayton ER Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: MJP / JR

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 2.4 - 0 = 2.4 (°C)

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 / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/1	12:15	Soil	BH21-03 6'	4 oz	ice	013	✓	✓					✓			
11/1	12:25	Soil	BH21-03 8'	4 oz	ice	014	✓	✓					✓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/2/21	1100
Date: 11/2/21	Time: 1900	Relinquished by:	Received by:	Via:	Date	Time
				COOLER	11/3/21	0735

Remarks:
Direct bill EOG
CC: M. Peppin Final Report

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

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

November 11, 2021

Dennis Williams
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Dayton ER Battery OrderNo.: 2111219

Dear Dennis Williams:

Hall Environmental Analysis Laboratory received 30 sample(s) on 11/4/2021 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-04 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:00:00 AM
Lab ID: 2111219-001 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	590	60		mg/Kg	20	11/9/2021 2:14:45 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 1:21:20 PM	63764
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 1:21:20 PM	63764
Surr: DNOP	90.3	70-130		%Rec	1	11/5/2021 1:21:20 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Surr: BFB	97.6	70-130		%Rec	1	11/6/2021 7:20:18 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Toluene	ND	0.046		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Ethylbenzene	ND	0.046		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Xylenes, Total	ND	0.093		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	11/6/2021 7:20:18 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-04 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:10:00 AM
Lab ID: 2111219-002 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2400	150		mg/Kg	50	11/10/2021 11:09:44 AM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 1:34:46 PM	63764
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 1:34:46 PM	63764
Surr: DNOP	113	70-130		%Rec	1	11/5/2021 1:34:46 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 8:53:49 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Xylenes, Total	ND	0.099		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/6/2021 8:53:49 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-04 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:20:00 AM
Lab ID: 2111219-003 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2000	61		mg/Kg	20	11/9/2021 3:04:24 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/5/2021 1:48:20 PM	63764
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 1:48:20 PM	63764
Surr: DNOP	87.0	70-130		%Rec	1	11/5/2021 1:48:20 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 9:17:16 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Toluene	ND	0.048		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Xylenes, Total	ND	0.096		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	11/6/2021 9:17:16 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-04 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:30:00 AM
Lab ID: 2111219-004 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	670	60		mg/Kg	20	11/9/2021 3:16:49 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/5/2021 2:01:59 PM	63764
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 2:01:59 PM	63764
Surr: DNOP	82.5	70-130		%Rec	1	11/5/2021 2:01:59 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 9:40:48 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Toluene	ND	0.050		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Ethylbenzene	ND	0.050		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Xylenes, Total	ND	0.10		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/6/2021 9:40:48 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-04 8'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:40:00 AM
Lab ID: 2111219-005 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	400	61		mg/Kg	20	11/9/2021 3:29:14 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/5/2021 2:16:00 PM	63764
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 2:16:00 PM	63764
Surr: DNOP	80.0	70-130		%Rec	1	11/5/2021 2:16:00 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 10:04:20 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/6/2021 10:04:20 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:00:00 AM
Lab ID: 2111219-006 **Matrix:** SOIL
Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	4100	150		mg/Kg	50	11/10/2021 11:22:09 AM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/5/2021 2:29:54 PM	63764
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 2:29:54 PM	63764
Surr: DNOP	95.8	70-130		%Rec	1	11/5/2021 2:29:54 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Surr: BFB	99.4	70-130		%Rec	1	11/6/2021 10:27:54 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/6/2021 10:27:54 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:10:00 AM
Lab ID: 2111219-007 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2300	59		mg/Kg	20	11/9/2021 3:54:03 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/5/2021 2:44:08 PM	63764
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 2:44:08 PM	63764
Surr: DNOP	92.8	70-130		%Rec	1	11/5/2021 2:44:08 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Surr: BFB	99.8	70-130		%Rec	1	11/6/2021 10:51:28 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Toluene	ND	0.048		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Xylenes, Total	ND	0.095		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/6/2021 10:51:28 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:20:00 AM
Lab ID: 2111219-008 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	5200	300		mg/Kg	100	11/10/2021 11:34:34 AM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/5/2021 11:36:38 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 11:36:38 PM	63766
Surr: DNOP	70.5	70-130		%Rec	1	11/5/2021 11:36:38 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Surr: BFB	96.7	70-130		%Rec	1	11/5/2021 5:19:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Toluene	ND	0.047		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 5:19:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:30:00 AM
Lab ID: 2111219-009 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2600	150		mg/Kg	50	11/10/2021 11:46:59 AM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	11/8/2021 5:52:12 PM	63766
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	11/8/2021 5:52:12 PM	63766
Surr: DNOP	108	70-130		%Rec	1	11/8/2021 5:52:12 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Surr: BFB	98.5	70-130		%Rec	1	11/5/2021 6:56:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Toluene	ND	0.050		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Xylenes, Total	ND	0.10		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/5/2021 6:56:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 7.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:40:00 AM
Lab ID: 2111219-010 **Matrix:** SOIL
Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JMT**
Chloride	1800	60		mg/Kg	20	11/9/2021 6:22:58 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/8/2021 6:16:19 PM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2021 6:16:19 PM	63766
Surr: DNOP	107	70-130		%Rec	1	11/8/2021 6:16:19 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Surr: BFB	95.8	70-130		%Rec	1	11/5/2021 7:55:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.024		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Toluene	ND	0.049		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/5/2021 7:55:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:15:00 AM
Lab ID: 2111219-011 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	220	60		mg/Kg	20	11/9/2021 6:35:23 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 7:04:32 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 7:04:32 PM	63766
Surr: DNOP	80.6	70-130		%Rec	1	11/8/2021 7:04:32 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Surr: BFB	95.6	70-130		%Rec	1	11/5/2021 8:15:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Toluene	ND	0.050		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Xylenes, Total	ND	0.10		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 8:15:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:25:00 AM
Lab ID: 2111219-012 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1000	60		mg/Kg	20	11/9/2021 6:47:47 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	11/8/2021 7:28:39 PM	63766
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	11/8/2021 7:28:39 PM	63766
Surr: DNOP	106	70-130		%Rec	1	11/8/2021 7:28:39 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Surr: BFB	97.7	70-130		%Rec	1	11/5/2021 8:34:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Toluene	ND	0.049		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/5/2021 8:34:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:35:00 AM
Lab ID: 2111219-013 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	900	60		mg/Kg	20	11/9/2021 7:00:12 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/8/2021 7:52:46 PM	63766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/8/2021 7:52:46 PM	63766
Surr: DNOP	107	70-130		%Rec	1	11/8/2021 7:52:46 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Surr: BFB	97.8	70-130		%Rec	1	11/5/2021 8:54:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Toluene	ND	0.046		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Ethylbenzene	ND	0.046		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Xylenes, Total	ND	0.093		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/5/2021 8:54:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:45:00 AM
Lab ID: 2111219-014 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JMT**
Chloride	330	60		mg/Kg	20	11/9/2021 7:37:27 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/8/2021 8:16:49 PM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2021 8:16:49 PM	63766
Surr: DNOP	111	70-130		%Rec	1	11/8/2021 8:16:49 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Surr: BFB	95.7	70-130		%Rec	1	11/5/2021 9:13:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.024		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Toluene	ND	0.048		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Xylenes, Total	ND	0.096		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 9:13:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 7.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:55:00 AM
Lab ID: 2111219-015 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JMT**
Chloride	270	60		mg/Kg	20	11/9/2021 7:49:52 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/8/2021 8:40:52 PM	63766
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/8/2021 8:40:52 PM	63766
Surr: DNOP	113	70-130		%Rec	1	11/8/2021 8:40:52 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Surr: BFB	98.3	70-130		%Rec	1	11/5/2021 9:33:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.023		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Toluene	ND	0.046		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Ethylbenzene	ND	0.046		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Xylenes, Total	ND	0.092		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 9:33:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 11:30:00 AM
Lab ID: 2111219-016 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	6800	300		mg/Kg	100	11/10/2021 11:59:23 AM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	640	96		mg/Kg	10	11/5/2021 1:30:04 PM	63766
Motor Oil Range Organics (MRO)	700	480		mg/Kg	10	11/5/2021 1:30:04 PM	63766
Surr: DNOP	0	70-130	S	%Rec	10	11/5/2021 1:30:04 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Surr: BFB	94.4	70-130		%Rec	5	11/5/2021 9:53:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.12		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Toluene	ND	0.24		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Ethylbenzene	ND	0.24		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Xylenes, Total	ND	0.49		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	5	11/5/2021 9:53:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 11:40:00 AM
Lab ID: 2111219-017 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	5500	300		mg/Kg	100	11/10/2021 12:11:47 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/6/2021 2:50:11 AM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/6/2021 2:50:11 AM	63766
Surr: DNOP	82.3	70-130		%Rec	1	11/6/2021 2:50:11 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Surr: BFB	104	70-130		%Rec	1	11/5/2021 10:12:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Toluene	ND	0.047		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/5/2021 10:12:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 11:50:00 AM
Lab ID: 2111219-018 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	3800	150		mg/Kg	50	11/10/2021 12:24:12 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/6/2021 3:14:14 AM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/6/2021 3:14:14 AM	63766
Surr: DNOP	77.3	70-130		%Rec	1	11/6/2021 3:14:14 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Surr: BFB	98.7	70-130		%Rec	1	11/5/2021 10:32:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Toluene	ND	0.050		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Xylenes, Total	ND	0.10		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/5/2021 10:32:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 6.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:05:00 PM
Lab ID: 2111219-019 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	4100	150		mg/Kg	50	11/10/2021 1:01:25 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/6/2021 3:38:17 AM	63766
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/6/2021 3:38:17 AM	63766
Surr: DNOP	76.5	70-130		%Rec	1	11/6/2021 3:38:17 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Surr: BFB	97.4	70-130		%Rec	1	11/5/2021 11:30:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Toluene	ND	0.047		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Xylenes, Total	ND	0.094		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/5/2021 11:30:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:30:00 PM
Lab ID: 2111219-020 **Matrix:** SOIL
Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1700	60		mg/Kg	20	11/9/2021 8:51:53 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/8/2021 9:04:49 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 9:04:49 PM	63766
Surr: DNOP	106	70-130		%Rec	1	11/8/2021 9:04:49 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Surr: BFB	97.0	70-130		%Rec	1	11/5/2021 11:50:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Toluene	ND	0.049		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/5/2021 11:50:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:40:00 PM
Lab ID: 2111219-021 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	690	59		mg/Kg	20	11/9/2021 9:04:18 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/8/2021 9:28:44 PM	63766
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/8/2021 9:28:44 PM	63766
Surr: DNOP	114	70-130		%Rec	1	11/8/2021 9:28:44 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Surr: BFB	95.6	70-130		%Rec	1	11/6/2021 12:10:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Toluene	ND	0.049		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/6/2021 12:10:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:50:00 PM
Lab ID: 2111219-022 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	660	60		mg/Kg	20	11/9/2021 9:16:43 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	11/6/2021 4:50:25 AM	63766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/6/2021 4:50:25 AM	63766
Surr: DNOP	72.6	70-130		%Rec	1	11/6/2021 4:50:25 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Surr: BFB	96.3	70-130		%Rec	1	11/6/2021 12:29:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/6/2021 12:29:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 6.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 1:03:00 PM
Lab ID: 2111219-023 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	800	60		mg/Kg	20	11/9/2021 9:29:08 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/6/2021 5:14:26 AM	63766
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/6/2021 5:14:26 AM	63766
Surr: DNOP	71.1	70-130		%Rec	1	11/6/2021 5:14:26 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Surr: BFB	99.8	70-130		%Rec	1	11/6/2021 12:49:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/6/2021 12:49:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:00:00 PM
Lab ID: 2111219-024 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/9/2021 10:06:22 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 9:52:37 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 9:52:37 PM	63766
Surr: DNOP	110	70-130		%Rec	1	11/8/2021 9:52:37 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Surr: BFB	95.9	70-130		%Rec	1	11/6/2021 1:08:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/6/2021 1:08:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 1'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:05:00 PM
Lab ID: 2111219-025 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/9/2021 10:18:47 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	11/8/2021 10:16:30 PM	63766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/8/2021 10:16:30 PM	63766
Surr: DNOP	110	70-130		%Rec	1	11/8/2021 10:16:30 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Surr: BFB	95.5	70-130		%Rec	1	11/6/2021 1:28:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Toluene	ND	0.049		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/6/2021 1:28:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:10:00 PM
Lab ID: 2111219-026 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	240	60		mg/Kg	20	11/9/2021 10:31:12 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/8/2021 10:40:22 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 10:40:22 PM	63766
Surr: DNOP	99.8	70-130		%Rec	1	11/8/2021 10:40:22 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Surr: BFB	99.5	70-130		%Rec	1	11/6/2021 1:48:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/6/2021 1:48:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 3'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:15:00 PM
Lab ID: 2111219-027 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	570	59		mg/Kg	20	11/9/2021 10:43:37 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	11/8/2021 11:04:09 PM	63766
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	11/8/2021 11:04:09 PM	63766
Surr: DNOP	103	70-130		%Rec	1	11/8/2021 11:04:09 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Surr: BFB	100	70-130		%Rec	1	11/6/2021 2:07:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Toluene	ND	0.047		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Xylenes, Total	ND	0.094		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/6/2021 2:07:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:20:00 PM
Lab ID: 2111219-028 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	410	60		mg/Kg	20	11/10/2021 1:38:37 PM	63867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 1:35:59 PM	63789
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 1:35:59 PM	63789
Surr: DNOP	97.0	70-130		%Rec	1	11/8/2021 1:35:59 PM	63789
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Surr: BFB	101	70-130		%Rec	1	11/6/2021 11:15:05 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Toluene	ND	0.048		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Xylenes, Total	ND	0.096		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/6/2021 11:15:05 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:25:00 PM
Lab ID: 2111219-029 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	530	60		mg/Kg	20	11/10/2021 1:51:02 PM	63867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/8/2021 1:50:13 PM	63789
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/8/2021 1:50:13 PM	63789
Surr: DNOP	83.5	70-130		%Rec	1	11/8/2021 1:50:13 PM	63789
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Surr: BFB	99.1	70-130		%Rec	1	11/6/2021 11:38:41 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/6/2021 11:38:41 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/11/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:30:00 PM
Lab ID: 2111219-030 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	480	60		mg/Kg	20	11/10/2021 2:03:27 PM	63867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/8/2021 2:04:03 PM	63789
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/8/2021 2:04:03 PM	63789
Surr: DNOP	88.9	70-130		%Rec	1	11/8/2021 2:04:03 PM	63789
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Surr: BFB	99.2	70-130		%Rec	1	11/6/2021 12:02:14 PM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Toluene	ND	0.050		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Ethylbenzene	ND	0.050		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Xylenes, Total	ND	0.10		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/6/2021 12:02:14 PM	63765

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2111219**
11-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **MB-63826** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **63826** RunNo: **82686**
Prep Date: **11/9/2021** Analysis Date: **11/9/2021** SeqNo: **2936631** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63826** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **63826** RunNo: **82686**
Prep Date: **11/9/2021** Analysis Date: **11/9/2021** SeqNo: **2936632** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: **MB-63840** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **63840** RunNo: **82686**
Prep Date: **11/9/2021** Analysis Date: **11/9/2021** SeqNo: **2936663** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63840** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **63840** RunNo: **82686**
Prep Date: **11/9/2021** Analysis Date: **11/9/2021** SeqNo: **2936664** 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-63867** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **63867** RunNo: **82732**
Prep Date: **11/10/2021** Analysis Date: **11/10/2021** SeqNo: **2938114** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63867** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **63867** RunNo: **82732**
Prep Date: **11/10/2021** Analysis Date: **11/10/2021** SeqNo: **2938115** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111219**

11-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63764** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63764** RunNo: **82624**
Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933060** 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		90.0	70	130			

Sample ID: **LCS-63764** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63764** RunNo: **82624**
Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933064** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	68.9	135			
Surr: DNOP	4.4		5.000		87.0	70	130			

Sample ID: **MB-63789** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63789** RunNo: **82690**
Prep Date: **11/5/2021** Analysis Date: **11/8/2021** SeqNo: **2936051** 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	8.8		10.00		88.4	70	130			

Sample ID: **LCS-63789** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63789** RunNo: **82690**
Prep Date: **11/5/2021** Analysis Date: **11/8/2021** SeqNo: **2936052** 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	95.7	68.9	135			
Surr: DNOP	4.6		5.000		91.7	70	130			

Sample ID: **MB-63766** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63766** RunNo: **82691**
Prep Date: **11/4/2021** Analysis Date: **11/8/2021** SeqNo: **2936185** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		110	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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#: **2111219**
11-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **LCS-63766**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **63766**	RunNo: **82691**
Prep Date: **11/4/2021**	Analysis Date: **11/8/2021**	SeqNo: **2936186** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	109	68.9	135			
Surr: DNOP	5.9		5.000		118	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111219**

11-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63765** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **63765** RunNo: **82648**

Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933643** 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		95.8	70	130			

Sample ID: **LCS-63765** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **63765** RunNo: **82648**

Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933644** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.9	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Sample ID: **mb-63761** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933722** 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		96.4	70	130			

Sample ID: **lcs-63761** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933724** 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	104	78.6	131			
Surr: BFB	1100		1000		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 Quanitative 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#: **2111219**

11-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63765** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63765** RunNo: **82648**

Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933696** 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		97.5	70	130			

Sample ID: **mb-63761** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933755** 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	1.1		1.000		105	70	130			

Sample ID: **lcs-63761** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933757** 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	91.7	80	120			
Toluene	0.92	0.050	1.000	0	91.9	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.9	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	70	130			

Sample ID: **lcs-63765** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63765** RunNo: **82709**

Prep Date: **11/4/2021** Analysis Date: **11/9/2021** SeqNo: **2936451** 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	91.5	80	120			
Toluene	0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.0	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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

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: 2111219 | RcptNo: 1

Received By: **Cheyenne Cason** 11/4/2021 7:44:00 AM

Completed By: **Sean Livingston** 11/4/2021 8:06:35 AM

Reviewed By: TME 11/4/21 9:02

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (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: JA 11-4-21

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	1.6	Good				
2	0.1	Good				

Chain-of-Custody Record

Client: EOG
Chase Settle

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day
☒ Standard ☐ Rush

Project Name: Dayton ER Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: J.K/MJP

On Ice: ☒ Yes ☐ No

# of Coolers: 2 1.7-0.1=1.6

Cooler Temp(including CF): 0.3-0.2=0.1 (°C)

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. 211719	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	8:00	soil	BH21-04 0'	4oz	ice	001										
	8:10		BH21-04 2'			002										
	8:20		BH21-04 4'			003										
	8:30		BH21-04 6'			004										
	8:40		BH21-04 8'			005										
	9:00		BH21-05 0'			006										
	9:10		BH21-05 2'			007										
	9:20		BH21-05 4'			008										
	9:30		BH21-05 6'			009										
	9:40		BH21-05 7.5'			010										
	10:15		BH21-06 0'			011										
	10:25		BH21-06 2'			012										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	900
11/3/21	1900		courier		11/4/21	0744

Remarks: Direct bill EOG

CC: M. Peppin Final Report

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

Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day

☒ Standard ☐ Rush

Project Name: Dayton EB Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: J.R / MVP

On Ice: ☒ Yes ☐ No

# of Coolers: 2 +.6 1.7 -0.1 =1.6

Cooler Temp(including CF): 0.3 -0.2 =0.1 (°C)

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 / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	10:35	soil	BH21-06 4'	4oz	ice	013										
	10:45		BH21-06 6'			014										
	10:55		BH21-06 7.5'			015										
	11:30		BH21-07 0'			016										
	11:40		BH21-07 2'			017										
	11:50		BH21-07 4'			018										
	12:05		BH21-07 6.5			019										
	12:30		BH21-08 0'			020										
	12:40		BH21-08 2'			021										
	12:50		BH21-08 4'			022										
	1:03		BH21-08 6.5'			023										
			~~BH21-09~~													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	800
11/3/21	1900				Date	Time
			Ane Coun		11/4/21	0744 0945

Remarks: Direct bill EOG

CC: M. Peggin final Report

Chain-of-Custody Record

Client: EOG

Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day

☒ Standard ☐ Rush

Project Name: Dayton ER Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: JR (MJP

On Ice: ☒ Yes ☐ No

# of Coolers: 2 1.7 - 0.1 = 1.6

Cooler Temp (including CF): 2 - 0.3 - 0.2 = 0.1 (°C)

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 / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	2:00	Soil	BG21-02 0'	4oz	ice	024										
"	2:05	"	BG21-02 1'	"	"	025										
"	2:10	"	BG21-02 2'	"	"	026										
"	2:15	"	BG21-02 3'	"	"	027										
"	2:20	"	BG21-02 4'	"	"	028										
"	2:25	"	BG21-02 5'	"	"	029										
"	2:30	"	BG21-02 6'	"	"	030										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	900
11/3/21	1900				Date	Time
			Courier		11/4/21	0744

Remarks: Direct B:11 EOG

CC: M. Peppin Final report

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

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

November 15, 2021

Dennis Williams
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Dayton ER Battery OrderNo.: 2111219

Dear Dennis Williams:

Hall Environmental Analysis Laboratory received 30 sample(s) on 11/4/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued November 11, 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:00:00 PM
Lab ID: 2111219-024 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/9/2021 10:06:22 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 9:52:37 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 9:52:37 PM	63766
Surr: DNOP	110	70-130		%Rec	1	11/8/2021 9:52:37 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Surr: BFB	95.9	70-130		%Rec	1	11/6/2021 1:08:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 1:08:00 AM	63761
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/6/2021 1:08:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 1'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:05:00 PM
Lab ID: 2111219-025 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/9/2021 10:18:47 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	11/8/2021 10:16:30 PM	63766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/8/2021 10:16:30 PM	63766
Surr: DNOP	110	70-130		%Rec	1	11/8/2021 10:16:30 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Surr: BFB	95.5	70-130		%Rec	1	11/6/2021 1:28:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Toluene	ND	0.049		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/6/2021 1:28:00 AM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/6/2021 1:28:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:10:00 PM
Lab ID: 2111219-026 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	240	60		mg/Kg	20	11/9/2021 10:31:12 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/8/2021 10:40:22 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 10:40:22 PM	63766
Surr: DNOP	99.8	70-130		%Rec	1	11/8/2021 10:40:22 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Surr: BFB	99.5	70-130		%Rec	1	11/6/2021 1:48:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 1:48:00 AM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/6/2021 1:48:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 3'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:15:00 PM
Lab ID: 2111219-027 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	570	59		mg/Kg	20	11/9/2021 10:43:37 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	11/8/2021 11:04:09 PM	63766
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	11/8/2021 11:04:09 PM	63766
Surr: DNOP	103	70-130		%Rec	1	11/8/2021 11:04:09 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Surr: BFB	100	70-130		%Rec	1	11/6/2021 2:07:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Toluene	ND	0.047		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Xylenes, Total	ND	0.094		mg/Kg	1	11/6/2021 2:07:00 AM	63761
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/6/2021 2:07:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:20:00 PM
Lab ID: 2111219-028 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	410	60		mg/Kg	20	11/10/2021 1:38:37 PM	63867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 1:35:59 PM	63789
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 1:35:59 PM	63789
Surr: DNOP	97.0	70-130		%Rec	1	11/8/2021 1:35:59 PM	63789
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Surr: BFB	101	70-130		%Rec	1	11/6/2021 11:15:05 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Toluene	ND	0.048		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Xylenes, Total	ND	0.096		mg/Kg	1	11/6/2021 11:15:05 AM	63765
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/6/2021 11:15:05 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:25:00 PM
Lab ID: 2111219-029 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	530	60		mg/Kg	20	11/10/2021 1:51:02 PM	63867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/8/2021 1:50:13 PM	63789
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/8/2021 1:50:13 PM	63789
Surr: DNOP	83.5	70-130		%Rec	1	11/8/2021 1:50:13 PM	63789
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Surr: BFB	99.1	70-130		%Rec	1	11/6/2021 11:38:41 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 11:38:41 AM	63765
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	11/6/2021 11:38:41 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BG21-02 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 2:30:00 PM
Lab ID: 2111219-030 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	480	60		mg/Kg	20	11/10/2021 2:03:27 PM	63867
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/8/2021 2:04:03 PM	63789
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/8/2021 2:04:03 PM	63789
Surr: DNOP	88.9	70-130		%Rec	1	11/8/2021 2:04:03 PM	63789
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Surr: BFB	99.2	70-130		%Rec	1	11/6/2021 12:02:14 PM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Toluene	ND	0.050		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Ethylbenzene	ND	0.050		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Xylenes, Total	ND	0.10		mg/Kg	1	11/6/2021 12:02:14 PM	63765
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/6/2021 12:02:14 PM	63765

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111219**

15-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63826**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63826**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936631**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63826**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63826**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936632**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: **MB-63840**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63840**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936663**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63840**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63840**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936664**	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-63867**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63867**	RunNo: **82732**							
Prep Date: **11/10/2021**	Analysis Date: **11/10/2021**	SeqNo: **2938114**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63867**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63867**	RunNo: **82732**							
Prep Date: **11/10/2021**	Analysis Date: **11/10/2021**	SeqNo: **2938115**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111219**
15-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **MB-63764**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **63764**	RunNo: **82624**							
Prep Date: **11/4/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933060**	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		90.0	70	130			

Sample ID: **LCS-63764**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **63764**	RunNo: **82624**							
Prep Date: **11/4/2021**	Analysis Date: **11/5/2021**	SeqNo: **2933064**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	68.9	135			
Surr: DNOP	4.4		5.000		87.0	70	130			

Sample ID: **MB-63789**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **63789**	RunNo: **82690**							
Prep Date: **11/5/2021**	Analysis Date: **11/8/2021**	SeqNo: **2936051**	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	8.8		10.00		88.4	70	130			

Sample ID: **LCS-63789**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **63789**	RunNo: **82690**							
Prep Date: **11/5/2021**	Analysis Date: **11/8/2021**	SeqNo: **2936052**	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	95.7	68.9	135			
Surr: DNOP	4.6		5.000		91.7	70	130			

Sample ID: **MB-63766**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **63766**	RunNo: **82691**							
Prep Date: **11/4/2021**	Analysis Date: **11/8/2021**	SeqNo: **2936185**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		110	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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#: **2111219**
15-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **LCS-63766** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63766** RunNo: **82691**
Prep Date: **11/4/2021** Analysis Date: **11/8/2021** SeqNo: **2936186** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	109	68.9	135			
Surr: DNOP	5.9		5.000		118	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111219**

15-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63765** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **63765** RunNo: **82648**

Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933643** 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		95.8	70	130			

Sample ID: **LCS-63765** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **63765** RunNo: **82648**

Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933644** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.9	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Sample ID: **mb-63761** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933722** 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		96.4	70	130			

Sample ID: **lcs-63761** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933724** 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	104	78.6	131			
Surr: BFB	1100		1000		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 Quanitative 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#: **2111219**

15-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63765** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63765** RunNo: **82648**

Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933696** 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		97.5	70	130			

Sample ID: **mb-63761** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933755** 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	1.1		1.000		105	70	130			

Sample ID: **lcs-63761** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933757** 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	91.7	80	120			
Toluene	0.92	0.050	1.000	0	91.9	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.9	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	70	130			

Sample ID: **lcs-63765** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63765** RunNo: **82709**

Prep Date: **11/4/2021** Analysis Date: **11/9/2021** SeqNo: **2936451** 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	91.5	80	120			
Toluene	0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.0	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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

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: 2111219 RcptNo: 1

Received By: **Cheyenne Cason** 11/4/2021 7:44:00 AM

Completed By: **Sean Livingston** 11/4/2021 8:06:35 AM

Reviewed By: TME 11/4/21 9:02

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (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: 11-4-21

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	1.6	Good				
2	0.1	Good				

Chain-of-Custody Record

Client: EOG
Chase Settle
Mailing Address:
Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 5-day
☒ Standard ☐ Rush
Project Name: Dayton ER Battery
Project #: 2IE-03278
Project Manager: Dennis Williams
Sampler: J.K/MJP
On Ice: ☒ Yes ☐ No
# of Coolers: 2 1.7-0.1=1.6
Cooler Temp(including CF): 0.3-0.2=0.1 (°C)

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. 211719	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	8:00	soil	BH21-04 0'	4oz	ice	001										
	8:10		BH21-04 2'			002										
	8:20		BH21-04 4'			003										
	8:30		BH21-04 6'			004										
	8:40		BH21-04 8'			005										
	9:00		BH21-05 0'			006										
	9:10		BH21-05 2'			007										
	9:20		BH21-05 4'			009										
	9:30		BH21-05 6'			009										
	9:40		BH21-05 7.5'			010										
	10:15		BH21-06 0'			011										
	10:25		BH21-06 2'			012										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	900
11/3/21	1900		courier		11/4/21	0744

Remarks: Direct bill EOG
CC: M. Peppin Final Report

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

Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day

☒ Standard ☐ Rush

Project Name: Dayton EB Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: J.R / MVP

On Ice: ☒ Yes ☐ No

# of Coolers: 2 +.6 1.7 -0.1 =1.6

Cooler Temp(including CF): 0.3 -0.2 =0.1 (°C)

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 / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	10:35	soil	BH21-06 4'	4oz	ice	013										
	10:45		BH21-06 6'			014										
	10:55		BH21-06 7.5'			015										
	11:30		BH21-07 0'			016										
	11:40		BH21-07 2'			017										
	11:50		BH21-07 4'			018										
	12:05		BH21-07 6.5			019										
	12:30		BH21-08 0'			020										
	12:40		BH21-08 2'			021										
	12:50		BH21-08 4'			022										
	1:03		BH21-08 6.5'			023										
			~~BH21-09~~													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	800
11/3/21	1900				Date	Time
			Ane Coun		11/4/21	0744 0945

Remarks: Direct bill EOG

CC: M. Peggin final Report

Chain-of-Custody Record

Client: EOG

Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day

☒ Standard ☐ Rush

Project Name: Dayton ER Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: JR (MJP

On Ice: ☒ Yes ☐ No

# of Coolers: 2 1.7 - 0.1 = 1.6

Cooler Temp (including CF): 2 - 0.3 - 0.2 = 0.1 (°C)

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 / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	2:00	Soil	BG21-02 0'	4oz	ice	024										
"	2:05	"	BG21-02 1'	"	"	025										
"	2:10	"	BG21-02 2'	"	"	026										
"	2:15	"	BG21-02 3'	"	"	027										
"	2:20	"	BG21-02 4'	"	"	028										
"	2:25	"	BG21-02 5'	"	"	029										
"	2:30	"	BG21-02 6'	"	"	030										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
			[signature]		11/3/21	900
11/3/21	1900	[signature]	[signature]		11/4/21	0744

Remarks: Direct B:11 EOG

CC: M. Peppin Final report

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

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

November 15, 2021

Dennis Williams
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Dayton ER Battery OrderNo.: 2111219

Dear Dennis Williams:

Hall Environmental Analysis Laboratory received 30 sample(s) on 11/4/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued November 11, 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

CLIENT: EOG
Client Sample ID: BH21-04 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:00:00 AM
Lab ID: 2111219-001 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	590	60		mg/Kg	20	11/9/2021 2:14:45 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 1:21:20 PM	63764
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 1:21:20 PM	63764
Surr: DNOP	90.3	70-130		%Rec	1	11/5/2021 1:21:20 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Surr: BFB	97.6	70-130		%Rec	1	11/6/2021 7:20:18 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Toluene	ND	0.046		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Ethylbenzene	ND	0.046		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Xylenes, Total	ND	0.093		mg/Kg	1	11/6/2021 7:20:18 AM	63765
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	11/6/2021 7:20:18 AM	63765

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

CLIENT: EOG
Client Sample ID: BH21-04 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:10:00 AM
Lab ID: 2111219-002 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2400	150		mg/Kg	50	11/10/2021 11:09:44 AM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/5/2021 1:34:46 PM	63764
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/5/2021 1:34:46 PM	63764
Surr: DNOP	113	70-130		%Rec	1	11/5/2021 1:34:46 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 8:53:49 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Xylenes, Total	ND	0.099		mg/Kg	1	11/6/2021 8:53:49 AM	63765
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/6/2021 8:53:49 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-04 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:20:00 AM
Lab ID: 2111219-003 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2000	61		mg/Kg	20	11/9/2021 3:04:24 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/5/2021 1:48:20 PM	63764
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 1:48:20 PM	63764
Surr: DNOP	87.0	70-130		%Rec	1	11/5/2021 1:48:20 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 9:17:16 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Toluene	ND	0.048		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Xylenes, Total	ND	0.096		mg/Kg	1	11/6/2021 9:17:16 AM	63765
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	11/6/2021 9:17:16 AM	63765

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

CLIENT: EOG
Client Sample ID: BH21-04 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:30:00 AM
Lab ID: 2111219-004 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	670	60		mg/Kg	20	11/9/2021 3:16:49 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/5/2021 2:01:59 PM	63764
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/5/2021 2:01:59 PM	63764
Surr: DNOP	82.5	70-130		%Rec	1	11/5/2021 2:01:59 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 9:40:48 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Toluene	ND	0.050		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Ethylbenzene	ND	0.050		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Xylenes, Total	ND	0.10		mg/Kg	1	11/6/2021 9:40:48 AM	63765
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/6/2021 9:40:48 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-04 8'
Project: Dayton ER Battery
Collection Date: 11/2/2021 8:40:00 AM
Lab ID: 2111219-005 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	400	61		mg/Kg	20	11/9/2021 3:29:14 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/5/2021 2:16:00 PM	63764
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 2:16:00 PM	63764
Surr: DNOP	80.0	70-130		%Rec	1	11/5/2021 2:16:00 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Surr: BFB	100	70-130		%Rec	1	11/6/2021 10:04:20 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 10:04:20 AM	63765
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/6/2021 10:04:20 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:00:00 AM
Lab ID: 2111219-006 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	4100	150		mg/Kg	50	11/10/2021 11:22:09 AM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/5/2021 2:29:54 PM	63764
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/5/2021 2:29:54 PM	63764
Surr: DNOP	95.8	70-130		%Rec	1	11/5/2021 2:29:54 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Surr: BFB	99.4	70-130		%Rec	1	11/6/2021 10:27:54 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Toluene	ND	0.049		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 10:27:54 AM	63765
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/6/2021 10:27:54 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:10:00 AM
Lab ID: 2111219-007 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2300	59		mg/Kg	20	11/9/2021 3:54:03 PM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/5/2021 2:44:08 PM	63764
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 2:44:08 PM	63764
Surr: DNOP	92.8	70-130		%Rec	1	11/5/2021 2:44:08 PM	63764
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Surr: BFB	99.8	70-130		%Rec	1	11/6/2021 10:51:28 AM	63765
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Toluene	ND	0.048		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Xylenes, Total	ND	0.095		mg/Kg	1	11/6/2021 10:51:28 AM	63765
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/6/2021 10:51:28 AM	63765

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:20:00 AM
Lab ID: 2111219-008 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	5200	300		mg/Kg	100	11/10/2021 11:34:34 AM	63826
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/5/2021 11:36:38 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/5/2021 11:36:38 PM	63766
Surr: DNOP	70.5	70-130		%Rec	1	11/5/2021 11:36:38 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Surr: BFB	96.7	70-130		%Rec	1	11/5/2021 5:19:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Toluene	ND	0.047		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 5:19:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 5:19:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:30:00 AM
Lab ID: 2111219-009 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2600	150		mg/Kg	50	11/10/2021 11:46:59 AM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	11/8/2021 5:52:12 PM	63766
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	11/8/2021 5:52:12 PM	63766
Surr: DNOP	108	70-130		%Rec	1	11/8/2021 5:52:12 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Surr: BFB	98.5	70-130		%Rec	1	11/5/2021 6:56:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Toluene	ND	0.050		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Xylenes, Total	ND	0.10		mg/Kg	1	11/5/2021 6:56:00 PM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/5/2021 6:56:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-05 7.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 9:40:00 AM
Lab ID: 2111219-010 **Matrix:** SOIL
Received Date: 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JMT**
Chloride	1800	60		mg/Kg	20	11/9/2021 6:22:58 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/8/2021 6:16:19 PM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2021 6:16:19 PM	63766
Surr: DNOP	107	70-130		%Rec	1	11/8/2021 6:16:19 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Surr: BFB	95.8	70-130		%Rec	1	11/5/2021 7:55:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.024		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Toluene	ND	0.049		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/5/2021 7:55:00 PM	63761
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/5/2021 7:55:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:15:00 AM
Lab ID: 2111219-011 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	220	60		mg/Kg	20	11/9/2021 6:35:23 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	11/8/2021 7:04:32 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 7:04:32 PM	63766
Surr: DNOP	80.6	70-130		%Rec	1	11/8/2021 7:04:32 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Surr: BFB	95.6	70-130		%Rec	1	11/5/2021 8:15:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Toluene	ND	0.050		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Xylenes, Total	ND	0.10		mg/Kg	1	11/5/2021 8:15:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 8:15:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:25:00 AM
Lab ID: 2111219-012 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1000	60		mg/Kg	20	11/9/2021 6:47:47 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	11/8/2021 7:28:39 PM	63766
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	11/8/2021 7:28:39 PM	63766
Surr: DNOP	106	70-130		%Rec	1	11/8/2021 7:28:39 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Surr: BFB	97.7	70-130		%Rec	1	11/5/2021 8:34:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Toluene	ND	0.049		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/5/2021 8:34:00 PM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/5/2021 8:34:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:35:00 AM
Lab ID: 2111219-013 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	900	60		mg/Kg	20	11/9/2021 7:00:12 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	11/8/2021 7:52:46 PM	63766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/8/2021 7:52:46 PM	63766
Surr: DNOP	107	70-130		%Rec	1	11/8/2021 7:52:46 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Surr: BFB	97.8	70-130		%Rec	1	11/5/2021 8:54:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Toluene	ND	0.046		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Ethylbenzene	ND	0.046		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Xylenes, Total	ND	0.093		mg/Kg	1	11/5/2021 8:54:00 PM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/5/2021 8:54:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 6'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:45:00 AM
Lab ID: 2111219-014 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	330	60		mg/Kg	20	11/9/2021 7:37:27 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/8/2021 8:16:49 PM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/8/2021 8:16:49 PM	63766
Surr: DNOP	111	70-130		%Rec	1	11/8/2021 8:16:49 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Surr: BFB	95.7	70-130		%Rec	1	11/5/2021 9:13:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Toluene	ND	0.048		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Xylenes, Total	ND	0.096		mg/Kg	1	11/5/2021 9:13:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 9:13:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-06 7.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 10:55:00 AM
Lab ID: 2111219-015 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	270	60		mg/Kg	20	11/9/2021 7:49:52 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/8/2021 8:40:52 PM	63766
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/8/2021 8:40:52 PM	63766
Surr: DNOP	113	70-130		%Rec	1	11/8/2021 8:40:52 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Surr: BFB	98.3	70-130		%Rec	1	11/5/2021 9:33:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Toluene	ND	0.046		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Ethylbenzene	ND	0.046		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Xylenes, Total	ND	0.092		mg/Kg	1	11/5/2021 9:33:00 PM	63761
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/5/2021 9:33:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 11:30:00 AM
Lab ID: 2111219-016 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	6800	300		mg/Kg	100	11/10/2021 11:59:23 AM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	640	96		mg/Kg	10	11/5/2021 1:30:04 PM	63766
Motor Oil Range Organics (MRO)	700	480		mg/Kg	10	11/5/2021 1:30:04 PM	63766
Surr: DNOP	0	70-130	S	%Rec	10	11/5/2021 1:30:04 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Surr: BFB	94.4	70-130		%Rec	5	11/5/2021 9:53:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.12		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Toluene	ND	0.24		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Ethylbenzene	ND	0.24		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Xylenes, Total	ND	0.49		mg/Kg	5	11/5/2021 9:53:00 PM	63761
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	5	11/5/2021 9:53:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 11:40:00 AM
Lab ID: 2111219-017 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	5500	300		mg/Kg	100	11/10/2021 12:11:47 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/6/2021 2:50:11 AM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/6/2021 2:50:11 AM	63766
Surr: DNOP	82.3	70-130		%Rec	1	11/6/2021 2:50:11 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Surr: BFB	104	70-130		%Rec	1	11/5/2021 10:12:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Toluene	ND	0.047		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/5/2021 10:12:00 PM	63761
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/5/2021 10:12:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 11:50:00 AM
Lab ID: 2111219-018 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	3800	150		mg/Kg	50	11/10/2021 12:24:12 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/6/2021 3:14:14 AM	63766
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/6/2021 3:14:14 AM	63766
Surr: DNOP	77.3	70-130		%Rec	1	11/6/2021 3:14:14 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Surr: BFB	98.7	70-130		%Rec	1	11/5/2021 10:32:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Toluene	ND	0.050		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Ethylbenzene	ND	0.050		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Xylenes, Total	ND	0.10		mg/Kg	1	11/5/2021 10:32:00 PM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/5/2021 10:32:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-07 6.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:05:00 PM
Lab ID: 2111219-019 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	4100	150		mg/Kg	50	11/10/2021 1:01:25 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	11/6/2021 3:38:17 AM	63766
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/6/2021 3:38:17 AM	63766
Surr: DNOP	76.5	70-130		%Rec	1	11/6/2021 3:38:17 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Surr: BFB	97.4	70-130		%Rec	1	11/5/2021 11:30:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Toluene	ND	0.047		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Ethylbenzene	ND	0.047		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Xylenes, Total	ND	0.094		mg/Kg	1	11/5/2021 11:30:00 PM	63761
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/5/2021 11:30:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 0'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:30:00 PM
Lab ID: 2111219-020 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1700	60		mg/Kg	20	11/9/2021 8:51:53 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/8/2021 9:04:49 PM	63766
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/8/2021 9:04:49 PM	63766
Surr: DNOP	106	70-130		%Rec	1	11/8/2021 9:04:49 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Surr: BFB	97.0	70-130		%Rec	1	11/5/2021 11:50:00 PM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Toluene	ND	0.049		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Xylenes, Total	ND	0.098		mg/Kg	1	11/5/2021 11:50:00 PM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/5/2021 11:50:00 PM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 2'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:40:00 PM
Lab ID: 2111219-021 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	690	59		mg/Kg	20	11/9/2021 9:04:18 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/8/2021 9:28:44 PM	63766
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/8/2021 9:28:44 PM	63766
Surr: DNOP	114	70-130		%Rec	1	11/8/2021 9:28:44 PM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Surr: BFB	95.6	70-130		%Rec	1	11/6/2021 12:10:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Toluene	ND	0.049		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Xylenes, Total	ND	0.097		mg/Kg	1	11/6/2021 12:10:00 AM	63761
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/6/2021 12:10:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 4'
Project: Dayton ER Battery
Collection Date: 11/2/2021 12:50:00 PM
Lab ID: 2111219-022 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	660	60		mg/Kg	20	11/9/2021 9:16:43 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	11/6/2021 4:50:25 AM	63766
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	11/6/2021 4:50:25 AM	63766
Surr: DNOP	72.6	70-130		%Rec	1	11/6/2021 4:50:25 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Surr: BFB	96.3	70-130		%Rec	1	11/6/2021 12:29:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/6/2021 12:29:00 AM	63761
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/6/2021 12:29:00 AM	63761

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

Qualifiers:

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

Analytical Report
Lab Order **2111219**
Date Reported: **11/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH21-08 6.5'
Project: Dayton ER Battery
Collection Date: 11/2/2021 1:03:00 PM
Lab ID: 2111219-023 **Matrix:** SOIL **Received Date:** 11/4/2021 7:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	800	60		mg/Kg	20	11/9/2021 9:29:08 PM	63840
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/6/2021 5:14:26 AM	63766
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/6/2021 5:14:26 AM	63766
Surr: DNOP	71.1	70-130		%Rec	1	11/6/2021 5:14:26 AM	63766
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Surr: BFB	99.8	70-130		%Rec	1	11/6/2021 12:49:00 AM	63761
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Toluene	ND	0.048		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Ethylbenzene	ND	0.048		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Xylenes, Total	ND	0.095		mg/Kg	1	11/6/2021 12:49:00 AM	63761
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	11/6/2021 12:49:00 AM	63761

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2111219**
15-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **MB-63826**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63826**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936631**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63826**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63826**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936632**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Sample ID: **MB-63840**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63840**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936663**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63840**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63840**	RunNo: **82686**							
Prep Date: **11/9/2021**	Analysis Date: **11/9/2021**	SeqNo: **2936664**	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-63867**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **63867**	RunNo: **82732**							
Prep Date: **11/10/2021**	Analysis Date: **11/10/2021**	SeqNo: **2938114**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63867**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **63867**	RunNo: **82732**							
Prep Date: **11/10/2021**	Analysis Date: **11/10/2021**	SeqNo: **2938115**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111219**
15-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **MB-63764** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63764** RunNo: **82624**
Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933060** 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		90.0	70	130			

Sample ID: **LCS-63764** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63764** RunNo: **82624**
Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933064** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	68.9	135			
Surr: DNOP	4.4		5.000		87.0	70	130			

Sample ID: **MB-63789** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63789** RunNo: **82690**
Prep Date: **11/5/2021** Analysis Date: **11/8/2021** SeqNo: **2936051** 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	8.8		10.00		88.4	70	130			

Sample ID: **LCS-63789** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63789** RunNo: **82690**
Prep Date: **11/5/2021** Analysis Date: **11/8/2021** SeqNo: **2936052** 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	95.7	68.9	135			
Surr: DNOP	4.6		5.000		91.7	70	130			

Sample ID: **MB-63766** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63766** RunNo: **82691**
Prep Date: **11/4/2021** Analysis Date: **11/8/2021** SeqNo: **2936185** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		110	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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#: **2111219**
15-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **LCS-63766** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63766** RunNo: **82691**
Prep Date: **11/4/2021** Analysis Date: **11/8/2021** SeqNo: **2936186** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	109	68.9	135			
Surr: DNOP	5.9		5.000		118	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	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#: **2111219**
15-Nov-21

Client: EOG
Project: Dayton ER Battery

Sample ID: **MB-63765** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **63765** RunNo: **82648**
Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933643** 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		95.8	70	130			

Sample ID: **LCS-63765** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **63765** RunNo: **82648**
Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933644** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.9	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Sample ID: **mb-63761** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **63761** RunNo: **82621**
Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933722** 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		96.4	70	130			

Sample ID: **lcs-63761** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **63761** RunNo: **82621**
Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933724** 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	104	78.6	131			
Surr: BFB	1100		1000		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 Quanitative 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#: **2111219**

15-Nov-21

Client: EOG

Project: Dayton ER Battery

Sample ID: **MB-63765** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63765** RunNo: **82648**

Prep Date: **11/4/2021** Analysis Date: **11/6/2021** SeqNo: **2933696** 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		97.5	70	130			

Sample ID: **mb-63761** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933755** 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	1.1		1.000		105	70	130			

Sample ID: **lcs-63761** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63761** RunNo: **82621**

Prep Date: **11/4/2021** Analysis Date: **11/5/2021** SeqNo: **2933757** 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	91.7	80	120			
Toluene	0.92	0.050	1.000	0	91.9	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.9	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	70	130			

Sample ID: **lcs-63765** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63765** RunNo: **82709**

Prep Date: **11/4/2021** Analysis Date: **11/9/2021** SeqNo: **2936451** 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	91.5	80	120			
Toluene	0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.0	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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

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: 2111219 | RcptNo: 1

Received By: **Cheyenne Cason** 11/4/2021 7:44:00 AM

Completed By: **Sean Livingston** 11/4/2021 8:06:35 AM

Reviewed By: TME 11/4/21 9:02

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (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: JA 11-4-21

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	1.6	Good				
2	0.1	Good				

Chain-of-Custody Record

Client: EOG
Chase Settle
Mailing Address:
Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 5-day
☒ Standard ☐ Rush
Project Name: Dayton ER Battery
Project #: 2IE-03278
Project Manager: Dennis Williams
Sampler: J.K/MJP
On Ice: ☒ Yes ☐ No
# of Coolers: 2 1.7-0.1=1.6
Cooler Temp(including CF): 0.3-0.2=0.1 (°C)

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. 211719	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	8:00	soil	BH21-04 0'	4oz	ice	001										
	8:10		BH21-04 2'			002										
	8:20		BH21-04 4'			003										
	8:30		BH21-04 6'			004										
	8:40		BH21-04 8'			005										
	9:00		BH21-05 0'			006										
	9:10		BH21-05 2'			007										
	9:20		BH21-05 4'			009										
	9:30		BH21-05 6'			009										
	9:40		BH21-05 7.5'			010										
	10:15		BH21-06 0'			011										
	10:25		BH21-06 2'			012										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	900
11/3/21	1900			courier	11/4/21	0744

Remarks: Direct bill EOG
cc: M. Peppin Final Report

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

Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day

☒ Standard ☐ Rush

Project Name: Dayton EB Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: J.R / MVP

On Ice: ☒ Yes ☐ No

# of Coolers: 2 +.6 1.7 -0.1 =1.6

Cooler Temp(including CF): 0.3 -0.2 =0.1 (°C)

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 / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	10:35	soil	BH21-06 4'	4oz	ice	013										
	10:45		BH21-06 6'			014										
	10:55		BH21-06 7.5'			015										
	11:30		BH21-07 0'			016										
	11:40		BH21-07 2'			017										
	11:50		BH21-07 4'			018										
	12:05		BH21-07 6.5			019										
	12:30		BH21-08 0'			020										
	12:40		BH21-08 2'			021										
	12:50		BH21-08 4'			022										
	1:03		BH21-08 6.5'			023										
			~~BH21-09~~													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	800
11/3/21	1900				Date	Time
			Ane Coun		11/4/21	0744 0945

Remarks: Direct bill EOG

CC: M. Peggin final Report

Chain-of-Custody Record

Client: EOG

Chase Settle

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day

☒ Standard ☐ Rush

Project Name: Dayton ER Battery

Project #: 21E-03278

Project Manager: Dennis Williams

Sampler: JR (MJP

On Ice: ☒ Yes ☐ No

# of Coolers: 2 1.7 - 0.1 = 1.6

Cooler Temp (including CF): 2 - 0.3 - 0.2 = 0.1 (°C)

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 / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/2	2:00	Soil	BG21-02 0'	4oz	ice	024										
"	2:05	"	BG21-02 1'	"	"	025										
"	2:10	"	BG21-02 2'	"	"	026										
"	2:15	"	BG21-02 3'	"	"	027										
"	2:20	"	BG21-02 4'	"	"	028										
"	2:25	"	BG21-02 5'	"	"	029										
"	2:30	"	BG21-02 6'	"	"	030										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/3/21	900
11/3/21	1900				Date	Time
			Received by:	Via:		
					11/4/21	0744

Remarks: Direct B:11 EOG

CC: M. Peppin Final report

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 5

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

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

RECEIVED
JUN 17 2011
NMOCD ARTESIA

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

nMLB1122253079

OPERATOR ☒ Initial Report ☐ Final Report

Name of Company	OGRID Number	Contact
Yates Petroleum Corporation	25575	Amanda Trujillo
Address		Telephone No.
104 S. 4th Street		575-748-1471

Facility Name	API Number	Facility Type	Order Number
Dayton ER	30-015-21629	battery	2RP-824

Surface Owner	Mineral Owner	Lease No.
Fee	fee	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	21	18S	26E	2310	SOUTH	990	EAST	EDDY

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
WATER	70	60
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Valve broke	06/03/2011	06/03/2011 - PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher – NMOCD/Artesia	
By Whom? Bob Asher – Yates Petroleum Corporation	Date and Hour 06/03/2011 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
While working on a 2" valve, the valve broke. The others valves were closed to mitigate the damage but several valves did not hold. After getting valves to hold a vacuum truck was called to pick up standing fluid.

Describe Area Affected and Cleanup Action Taken.*
An approximate size of 03' x 30' was impacted. The impacted area is located near the water tank. Vertical and horizontal delineation samples will taken and analysis ran for TPH and BTEX once all contaminated material has been removed. **Depth to Ground Water: >100' (approx. 134', per New Mexico State Engineers Office); Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 20.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: A Trujillo

Printed Name: Amanda Trujillo

Title: Environmental Scientist

E-mail Address: atrujillo@yatespetroleum.com

Date: Friday, June 17, 2011 Phone: 575-748-4310

Attach Additional Sheets If Necessary

OIL CONSERVATION DIVISION

Signed By Mike Bratcher

Approved by District Supervisor:

Approval Date: AUG 10 2011 Expiration Date:

Conditions of Approval: Attached ☐

Remediation per OCD Rules & Guidelines. **SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:** 9/10/2011

2RP-824

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nMLB1122253079
District RP	2RP-824
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 bbls released.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes, email to Mike Bratcher via email 6/03/2011 by Amanda Trujillo

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 not 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: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 05/26/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-4171

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nMLB1122253079
District RP	2RP-824
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?	> 55 (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.

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State of New Mexico
Oil Conservation Division

Incident ID	nMLB1122253079
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 05/26/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-4171

OCD Only

Received by: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	nMLB1122253079
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Remediation Plan

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

- [X] Detailed description of proposed remediation technique
- [X] Scaled sitemap with GPS coordinates showing delineation points
- [X] Estimated volume of material to be remediated
- [X] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [X] 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: Chase Settle Date: 05/26/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: OCD Date: 5/26/2022

- [ ] Approved
- [x] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: Ashley Maxwell Date: 3/17/2023

Surface to 4' below ground surface sidewall/floor samples need to comply with the strictest closure criteria limits (600 mg/kg, Chlorides, 100 mg/kg TPH, etc.).

Per Spill Rule Procedures dated 9/6/2019 IV (a) Reclamation and Table 1:Imagine a spill occurs in an area where the depth to groundwater is 75 feet and the soil data indicates the highest observed chloride concentration is 9,000 mg/kg. The chloride closure criteria in Table I is 10,000 mg/kg. You might think that no further action is required. However, the reclamation requirement in 19.15.29.13(D)(1) NMAC for chloride is less than 600 mg/kg and uncontaminated soils showing TPH less than 100 mg/kg, total BTEX less than 50 mg/kg, and benzene less than 10 mg/kg in the top four feet. So, the upper layers of soil still need to be cleaned up. For areas deferred under 19.15.29.12(C)(2) this reclamation may happen at a later date, but it is still required when the area is no longer in use.

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 110892

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	7377
	Action Number: 110892
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Work plan approved with conditions.	3/17/2023
amaxwell	Surface to 4' below ground surface sidewall/floor samples need to comply with the strictest closure criteria limits (600 mg/kg, Chlorides, 100 mg/kg TPH, etc.).	3/17/2023
amaxwell	The reclamation requirement in 19.15.29.13(D)(1) NMAC for chloride is less than 600 mg/kg and uncontaminated soils showing TPH less than 100 mg/kg, total BTEX less than 50 mg/kg, and benzene less than 10 mg/kg in the top four feet.	3/17/2023
amaxwell	For areas deferred under 19.15.29.12(C)(2) this reclamation may happen at a later date, but it is still required when the area is no longer in use.	3/17/2023
amaxwell	Submit closure report via the OCD permitting portal by 6/23/2023.	3/17/2023