ENSOLUM

July 20, 2022

District II
New Mexico Oil Conservation Division
811 South First Street
Artesia, New Mexico 88210

Re: Closure Report
Leonard Federal Battery
Incident Number NAPP2212458439
Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of EOG Resources, Inc. (EOG), has prepared this Closure Report to document site assessment, excavation, and soil sampling activities performed at the Leonard Federal Battery (Site). The purpose of the site assessment, excavation, and soil sampling activities was to address unknown historical impacts to soil at the Site discovered during the decommissioning process. Based on the excavation activities and analytical results from the soil sampling events, EOG is submitting this Closure Report, describing remediation that has occurred and requesting closure for Incident Number NAPP2212458439.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit E, Section 34, Township 17 South, Range 29 East, in Eddy County, New Mexico (32.79289° N, 104.06814° W) and is associated with oil and gas exploration and production operations on land under the stewardship of the Bureau of Land Management (BLM).

On May 3, 2022, historical impacts were discovered during the decommissioning process of the battery located at the Site. An unknown quantity of produced water appears to have been released to the facility pad and adjacent pasture. No fluids were recovered. EOG reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on May 4, 2022. The release was assigned Incident Number NAPP2212458439.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization in Appendix F. Potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is confirmed to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is a New Mexico Office of the State Engineer (NMOSE) soil boring RA- 13192, drilled near the Site to confirm depth to groundwater. The soil boring was advanced to a total depth of 106 feet

bgs. No moisture or groundwater was encountered during drilling activities. The location of the borehole is approximately 50 feet west of the Site and is depicted on Figure 1. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period groundwater was not observed and it was confirmed that groundwater beneath the Site is greater than 106 feet bgs. The borehole was properly abandoned with grout. The well log and other refereneced well records are included in Appendix A. All wells used for depth to groundwater determination are presented on Figure 1.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 501 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

Due to the Sites decommission status, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet, per NMAC 19.15.29.13.D (1) for all remediation areas.

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

On April 14, 2022, site assessment activities were conducted to evaluate the release extent based on visual observations. Four delineation soil samples (BH01 through BH04) were collected within the release extent at depths ranging from 0.5 feet bgs to 4 feet bgs, to assess the vertical extent of the release. Soil from the boreholes were field screened for volatile aromatic hydrocarbons utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic soil sampling logs, which are included in Appendix B. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Hall Environmental Analysis Laboratories (HEAL) in Albuquerque, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for delineation soil samples BH01, collected at 0.5 feet bgs, indicated TPH-GRO/TPH-DRO and TPH concentrations exceeded the Closure Criteria. Laboratory analytical results for delineation soil samples BH01/ BH01A, BH02, BH03/BH03A, BH04/BH04A, collected at depths ranging from 0.5 feet bgs to 2 feet bgs, indicated TPH and chloride concentrations exceeded the

reclamation requirement applied in the top 4 feet. Based on visible staining in the release area, elevated field screening results, and laboratory analytical results for the delineation soil samples, excavation activities appeared to be warranted.

EXCAVATION SOIL SAMPLING ACTIVITIES

Between May 10, 2022 and June 10, 2022, Ensolum personnel were at the Site to oversee excavation activities. Excavation activities were performed using track-mounted backhoe and transport vehicles. The excavation occurred on pad and in the pasture area north of the pad. To direct excavation activities, soil was screened for volatile aromatic hydrocarbons and chloride. The excavation consisted of two areas, which were completed to depths ranging from ground surface to 4 feet bgs. Photographic documentation of the excavation activities is included in Appendix C.

Following removal of the impacted soil, 5-point composite soil samples were collected at least every 200 square feet from the sidewalls and floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite floor samples FS01 through FS60 were collected from the floor of the excavation at depths ranging from 3 feet bgs to 4 feet bgs. Composite sidewall samples SW01 through SW16 were collected from the sidewalls of the excavation from depths ranging from the ground surface to 4 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

Based on initial laboratory analytical results for floor samples FS07, FS08, FS23, FS24, FS26, FS27, FS30, and FS36 through FS39 and sidewall samples SW04 and SW08 indicating TPH concentrations exceeded the reclamation requirement applied in the top 4 feet, additional excavation was completed in those areas.

The final excavation areas, combined, measured approximately 11,050 square feet in areal extent. A total of approximately 1,650 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at Lea Land landfill. in Carlsbad, New Mexico.

LABORATORY ANALYTICAL RESULTS

Any preliminary floor or sidewall samples exceeding the Closure Criteria or the reclamation requirement were further excavated. Laboratory analytical results for final floor samples indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. Laboratory analytical results for final sidewall samples indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria and compliant with the reclamation requirement. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the historical release of produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria and compliant with the reclamation requirement. Based on the soil sample analytical results, no further remediation was required. EOG will backfill the excavation with material purchased locally and recontour the Site to match pre-existing site conditions. The disturbed pasture area will be re-seeded with an approved BLM seed mixture.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been confirmed to be greater than 100 feet bgs and no other sensitive receptors were identified near the release extent. The completion of these remedial actions are protective of human health, the environment, and groundwater. As such, EOG respectfully requests closure for Incident Number NAPP2201947871.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely,
Ensolum, LLC

Tacoma Morrissey
Senior Geologist

Ashley Ager
Program Director

cc: Chase Settle, EOG
Amber Griffin, EOG
Bureau of Land Management

Appendices:

Figure 1	Site Location Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Excavation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Lithologic Soil Sampling Logs
Appendix C	Photographic Log
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Notifications
Appendix F	Final C-141

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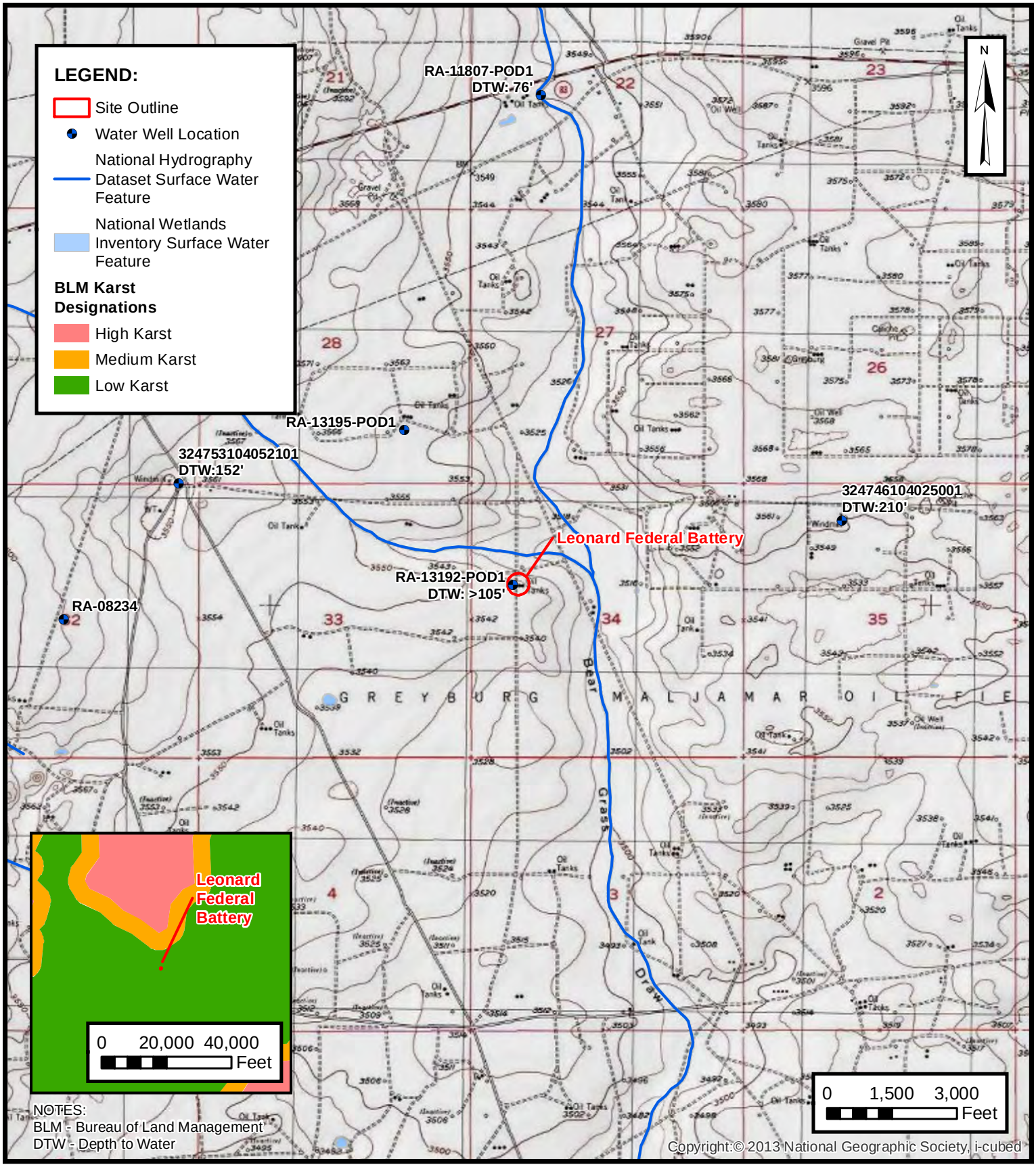
FIGURES



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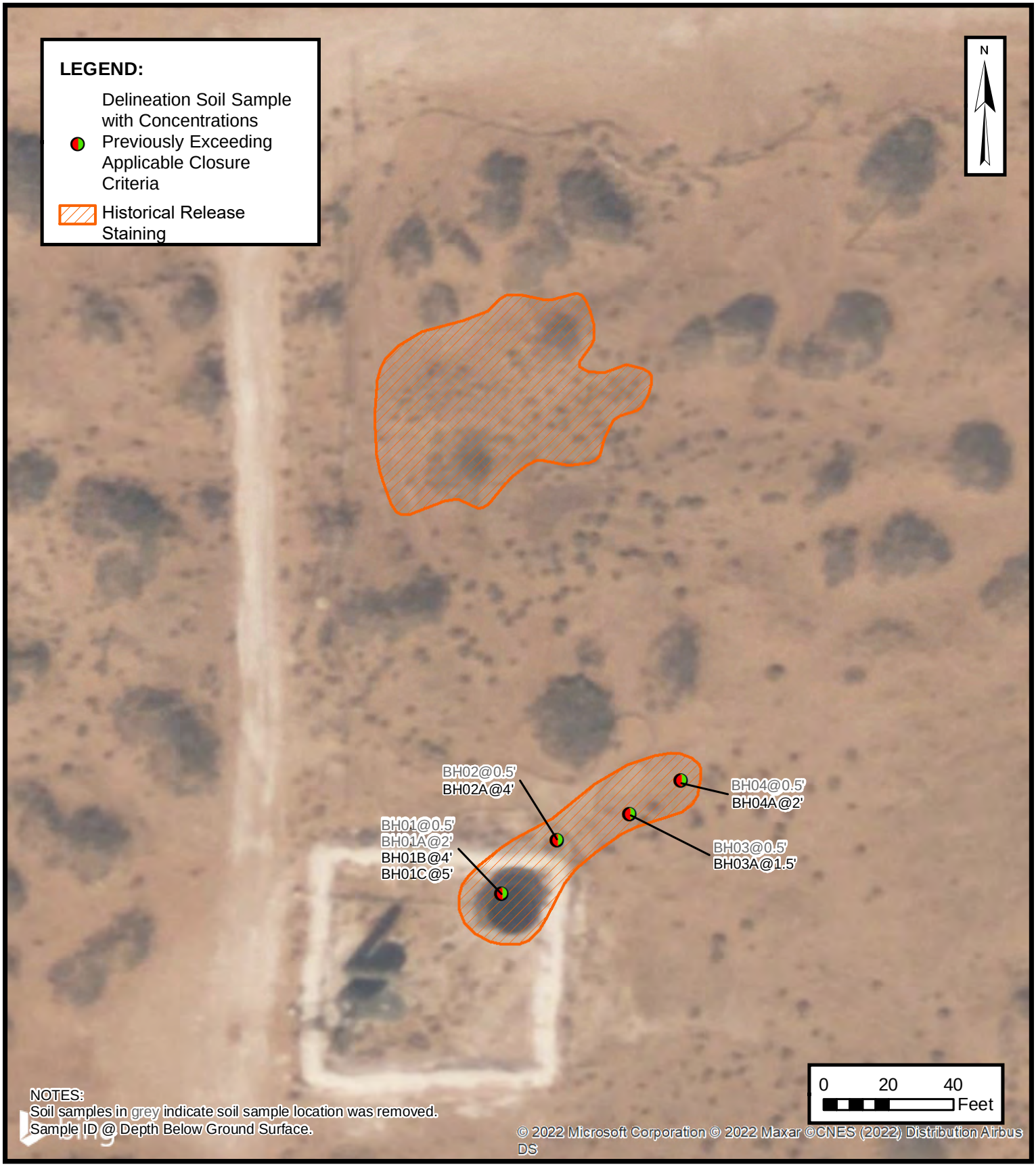
SITE RECEPTOR MAP

EOG RESOURCES, INC
LEONARD FEDERAL BATTERY
NAPP2212458439
Unit E, Sec 34, T17S, R29E
Eddy County, New Mexico

FIGURE
1



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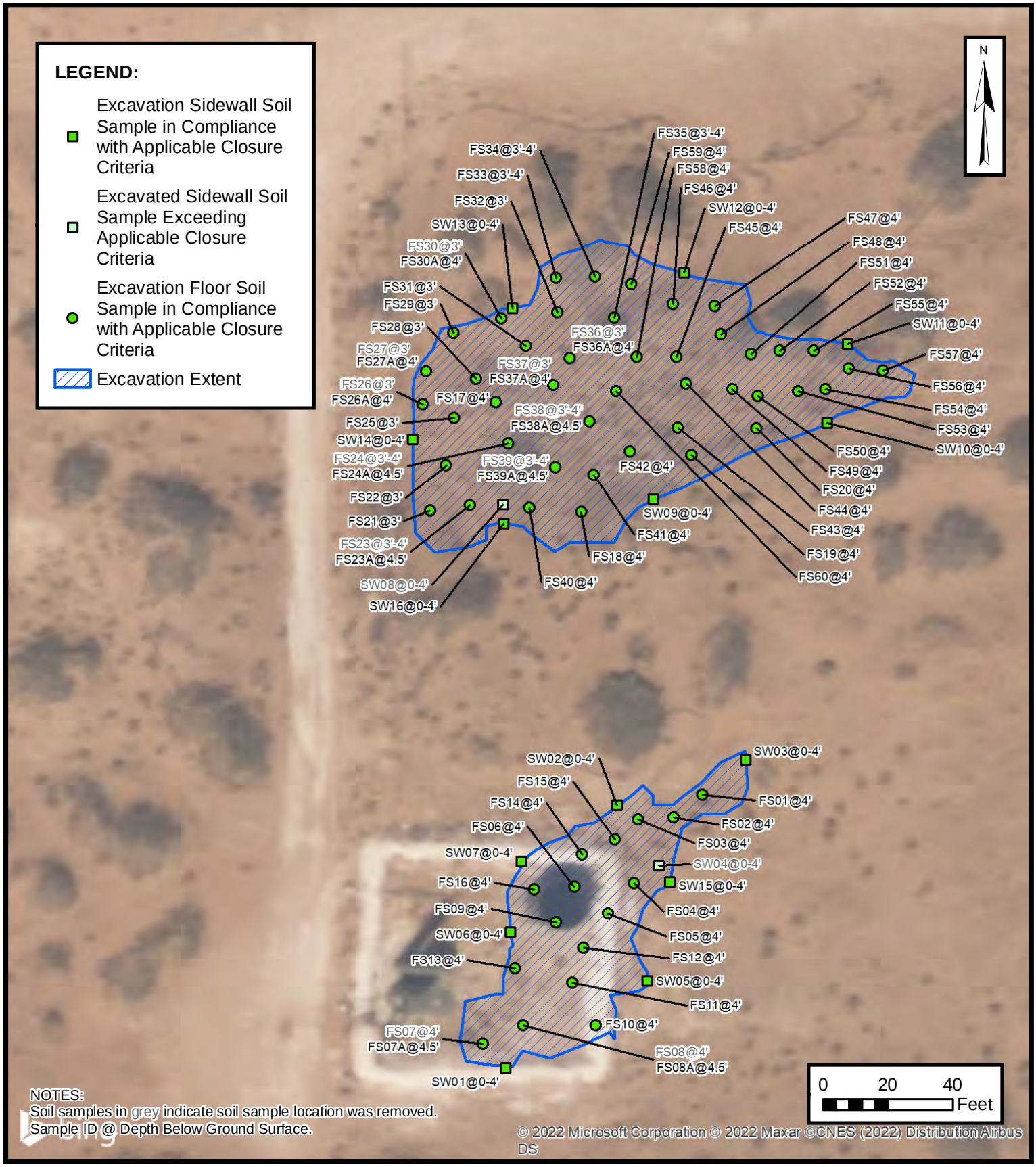
DELINEATION SOIL SAMPLE LOCATIONS

EOG RESOURCES, INC.
LEONARD FEDERAL BATTERY
NAPP2212458439
Unit E, Sec 34 T17S R29E
Eddy County, New Mexico

FIGURE

2



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EXCAVATION SOIL SAMPLE LOCATIONS

EOG RESOURCES, INC.
LEONARD FEDERAL BATTERY
NAPP2212458439
Unit E, Sec 34 T17S R29E
Eddy County, New Mexico

FIGURE
3

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Leonard Federal Battery
EOG Resources, Inc.
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
~~BH01*~~	~~04/14/2022~~	~~0.5~~	~~<0.120~~	~~<0.490~~	~~<24.0~~	~~5,400~~	~~6,600~~	**~~5,400~~**	**~~12,000~~**	**~~710~~**
~~BH01A*~~	~~04/14/2022~~	~~2~~	~~<0.024~~	~~<0.100~~	~~<4.80~~	~~680~~	~~980~~	**~~680~~**	**~~1,660~~**	**~~5,400~~**
BH01B	04/14/2022	4	<0.023	<0.090	<4.70	84.0	99.0	84.0	183	15,000
BH01C	04/14/2022	5	<0.024	<0.100	<4.80	35.0	53.0	35.0	88.0	10,000
~~BH02*~~	~~04/14/2022~~	~~0.5~~	~~<0.024~~	~~<0.100~~	~~<4.90~~	~~300~~	~~520~~	~~300~~	**~~820~~**	~~<61.0~~
BH02A	04/14/2022	4	<0.024	<0.100	<4.90	<9.20	<46.0	<9.20	<46.0	2,600
~~BH03*~~	~~04/14/2022~~	~~0.5~~	~~<0.025~~	~~<0.100~~	~~<5.00~~	~~<10.0~~	~~<50.0~~	~~<10.0~~	~~<50.0~~	~~75.0~~
~~BH03A*~~	~~04/14/2022~~	~~1.5~~	~~<0.024~~	~~<0.100~~	~~<4.80~~	~~<9.70~~	~~<49.0~~	~~<9.70~~	~~<49.0~~	**~~2,100~~**
~~BH04*~~	~~04/14/2022~~	~~0.5~~	~~<0.024~~	~~<0.100~~	~~<4.90~~	~~<9.50~~	~~<47.0~~	~~<9.50~~	~~<47.0~~	~~<61.0~~
BH04A*	04/14/2022	2	<0.024	<0.100	<4.90	<9.80	<49.0	<9.80	<49.0	**690**
Excavation Floor Soil Samples										
FS01	05/10/2022	4	<0.024	<0.100	<4.90	<9.90	<49.0	<9.90	<49.0	620
FS02	05/10/2022	4	<0.025	<0.100	<5.00	17.0	<48.0	17.0	17.0	9,900
FS03	05/10/2022	4	<0.024	<0.090	<4.70	<9.80	<49.0	<9.80	<49.0	3,000
FS04	05/10/2022	4	<0.024	<0.100	<4.80	<9.40	<47.0	<9.40	<47.0	2,100
FS05	05/17/2022	4	<0.024	<0.100	<4.90	390	880	390	1,300	<60.0
FS06	05/17/2022	4	<0.024	<0.100	<4.90	270	440	270	710	91.0
~~FS07~~	~~05/17/2022~~	4	~~<0.025~~	~~<0.100~~	~~<5.00~~	~~1,100~~	~~1,900~~	**~~1,100~~**	**~~3,000~~**	~~200~~
FS07A	06/09/2022	4.5	<0.024	<0.100	<4.90	89.0	120	89.0	210	77.0
~~FS08~~	~~05/17/2022~~	4	~~<0.120~~	~~<0.480~~	~~<24.0~~	~~980~~	~~2,100~~	~~980~~	**~~3,100~~**	~~540~~
FS08A	06/09/2022	4.5	<0.025	<0.100	<4.90	75.0	110	75.0	180	420
FS09	05/17/2022	4	<0.025	<0.100	<5.00	13.0	79.0	13.0	92.0	450
FS10	05/17/2022	4	<0.025	<0.100	<4.90	190	350	190	540	520
FS11	05/17/2022	4	<0.025	<0.100	<4.90	95.0	230	95.0	330	95.0
FS12	05/17/2022	4	<0.024	<0.100	<4.80	49.0	110	49.0	160	900
FS13	05/17/2022	4	<0.024	<0.100	<4.90	34.0	89.0	34.0	120	310
FS14	05/17/2022	4	<0.023	<0.090	<4.70	<9.70	<49.0	<9.70	<49.0	2,400
FS15	05/17/2022	4	<0.024	<0.100	<4.80	<9.70	<49.0	<9.70	<49.0	3,200

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TABLE 1
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Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS16	05/17/2022	4	<0.024	<0.100	<4.80	<9.70	<49.0	<9.70	<49.0	2,200
FS17	05/17/2022	4	<0.024	<0.090	<4.70	<9.60	<48.0	<9.60	<48.0	2,400
FS18	05/17/2022	4	<0.025	<0.100	<4.90	<9.80	<49.0	<9.80	<49.0	1,900
FS19	05/17/2022	4	<0.025	<0.100	<4.90	<9.60	<48.0	<9.60	<48.0	1,900
FS20	05/17/2022	4	<0.023	<0.090	<4.60	<9.90	<49.0	<9.90	<49.0	2,000
FS21	05/17/2022	3	<0.024	<0.100	<4.80	10.0	60.0	10.0	71.0	390
FS22	05/17/2022	3	<0.024	<0.100	<4.80	14.0	67.0	14.0	81.0	390
~~FS23~~	~~05/17/2022~~	~~3-4~~	~~<0.023~~	~~<0.090~~	~~<4.70~~	~~73.0~~	~~490~~	~~73.0~~	**~~560~~**	~~91.0~~
FS23A	06/09/2022	4.5	<0.025	<0.100	<4.90	<14.0	<48.0	<14.0	<48.0	1,300
~~FS24~~	~~05/17/2022~~	~~3-4~~	~~<0.025~~	~~<0.100~~	~~<4.90~~	~~140~~	~~310~~	~~140~~	**~~450~~**	~~330~~
FS24A	06/09/2022	4.5	<0.025	<0.100	<4.90	<15.0	<50.0	<15.0	<50.0	610
FS25	05/17/2022	3	<0.024	<0.100	<4.80	<9.60	<48.0	<9.60	<48.0	330
~~FS26~~	~~05/17/2022~~	~~3~~	~~<0.024~~	~~<0.100~~	~~<4.80~~	~~20.0~~	~~110~~	~~20.0~~	**~~130~~**	~~320~~
FS26A	06/09/2022	4	<0.024	<0.100	<4.90	<15.0	<49.0	<15.0	<49.0	640
~~FS27~~	~~05/17/2022~~	~~3~~	~~<0.024~~	~~<0.100~~	~~<4.80~~	~~55.0~~	~~320~~	~~55.0~~	**~~380~~**	~~110~~
FS27A	06/09/2022	4	<0.025	<0.100	<4.90	59.0	99.0	59.0	160	620
FS28	05/17/2022	3	<0.024	<0.100	<4.80	<9.90	<49.0	<9.90	<49.0	84.0
FS29	05/17/2022	3	<0.023	<0.090	<4.70	<9.00	<45.0	<9.00	<45.0	<60.0
~~FS30~~	~~05/17/2022~~	~~3~~	~~<0.024~~	~~<0.100~~	~~<4.80~~	~~110~~	~~120~~	~~110~~	**~~240~~**	~~<60.0~~
FS30A	06/09/2022	4	<0.025	<0.100	<4.90	<14.0	<47.0	<14.0	<47.0	130
FS31	05/17/2022	3	<0.025	<0.100	<5.00	28.0	67.0	28.0	95.0	<60.0
FS32	05/17/2022	3	<0.025	<0.100	<5.00	<9.40	<47.0	<9.40	<47.0	<60.0
FS33	05/17/2022	3-4	<0.025	<0.100	<5.00	24.0	<49.0	24.0	24.0	<60.0
FS34	05/17/2022	3-4	<0.023	<0.090	<4.70	9.90	59.0	9.90	69.0	<60.0
FS35	05/17/2022	3-4	<0.024	<0.100	<4.80	11.0	<50.0	11.0	11.0	<60.0

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EOG Resources, Inc.
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
~~FS36~~	~~05/17/2022~~	~~3~~	~~<0.024~~	~~<0.100~~	~~<4.80~~	~~32.0~~	~~71.0~~	~~32.0~~	~~**100**~~	~~<59.0~~
FS36A	06/10/2022	4	<0.024	<0.100	<4.80	28.0	74.0	28.0	100	<60.0
~~FS37~~	~~05/17/2022~~	~~3~~	~~<0.024~~	~~<0.090~~	~~<4.70~~	~~140~~	~~250~~	~~140~~	~~**390**~~	~~<60.0~~
FS37A	06/10/2022	4	<0.024	<0.090	<4.70	<14.0	<47.0	<47.0	<47.0	180
~~FS38~~	~~05/17/2022~~	~~3 - 4~~	~~<0.024~~	~~<0.100~~	~~<4.90~~	~~39.0~~	~~200~~	~~39.0~~	~~**240**~~	~~<60.0~~
FS38A	06/10/2022	4.5	<0.024	<0.100	<4.80	<15.0	<48.0	<48.0	<48.0	330
~~FS39~~	~~05/17/2022~~	~~3 - 4~~	~~<0.024~~	~~<0.100~~	~~<4.80~~	~~28.0~~	~~120~~	~~28.0~~	~~**148**~~	~~92.0~~
FS39A	06/10/2022	4.5	<0.024	<0.100	<4.90	76.0	140	76.0	220	200
FS40	05/17/2022	4	<0.024	<0.090	<4.70	200	700	200	900	<60.0
FS41	05/17/2022	4	<0.025	<0.100	<5.00	48.0	140	48.0	190	66.0
FS42	05/17/2022	4	<0.023	<0.090	<4.70	67.0	180	67.0	250	<60.0
FS43	05/17/2022	4	<0.024	<0.100	<4.90	74.0	340	74.0	410	<60.0
FS44	05/17/2022	4	<0.024	<0.100	<4.80	77.0	410	77.0	490	<60.0
FS45	05/17/2022	4	<0.024	<0.100	<4.90	150	500	150	650	<60.0
FS46	05/17/2022	4	<0.024	<0.100	<4.80	70.0	210	70.0	280	<60.0
FS47	05/17/2022	4	<0.025	<0.100	<4.90	26.0	130	26.0	150	<60.0
FS48	05/17/2022	4	<0.024	<0.100	<4.90	25.0	130	25.0	150	<60.0
FS49	05/17/2022	4	<0.024	<0.100	<4.80	360	1100	360	1,500	<60.0
FS50	05/17/2022	4	<0.024	<0.100	<4.80	68.0	210	68.0	280	<60.0
FS51	05/17/2022	4	<0.024	<0.100	<4.90	21.0	48.0	21.0	69	<60.0
FS52	05/17/2022	4	<0.023	<0.090	<4.60	160	540	160	700	<60.0
FS53	05/17/2022	4	<0.024	<0.090	<4.70	39.0	160	39.0	200	<60.0
FS54	05/17/2022	4	<0.025	<0.100	<4.90	34.0	150	34.0	180	<60.0
FS55	05/17/2022	4	<0.024	<0.100	<4.90	58.0	310	58.0	370	<60.0
FS56	05/17/2022	4	<0.023	<0.090	<4.70	67.0	240	67.0	310	<60.0
FS57	05/17/2022	4	<0.023	<0.090	<4.60	49.0	170	49.0	220	<60.0
FS58	05/17/2022	4	<0.024	<0.100	<4.80	160	530	160	690	<60.0
FS59	05/17/2022	4	<0.024	<0.100	<4.80	27.0	120	27.0	140	<60.0
FS60	05/17/2022	4	<0.023	<0.090	<4.70	30.0	130	30.0	160	<60.0

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Leonard Federal Battery
EOG Resources, Inc.
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Excavation Sidewall Soil Samples										
SW01	05/10/2022	0-4	<0.024	<0.100	<4.90	<9.90	<49.0	<9.90	<49.0	350
SW02	05/10/2022	0-4	<0.023	<0.090	<4.60	<9.40	<47.0	<9.40	<47.0	200
SW03	05/10/2022	0-4	<0.025	<0.100	<4.90	<10.0	<50.0	<10.0	<50.0	85.0
~~SW04~~	~~05/10/2022~~	~~0-4~~	~~<0.12~~	~~<0.500~~	~~<25.0~~	~~1,100~~	~~1,200~~	**~~1,100~~**	**~~2,300~~**	~~<60.0~~
SW05	05/10/2022	0-4	<0.025	<0.100	<4.90	<10.0	<50.0	<10.0	<50.0	92.0
SW06	05/10/2022	0-4	<0.024	<0.090	<4.70	<9.40	<47.0	<9.40	<47.0	420
SW07	05/17/2022	0-4	<0.024	<0.100	<4.80	<9.70	<49.0	<9.70	<49.0	390
~~SW08~~	~~05/23/2022~~	~~0-4~~	~~<0.025~~	~~<0.100~~	~~<5.00~~	~~36.0~~	~~110~~	~~36.0~~	**~~140~~**	~~<60.0~~
SW09	05/23/2022	0-4	<0.025	<0.100	<4.90	<9.20	<46.0	<9.20	<46.0	<60.0
SW10	05/23/2022	0-4	<0.024	<0.100	<4.90	<9.60	<48.0	<9.60	<48.0	<60.0
SW11	05/23/2022	0-4	<0.025	<0.100	<4.90	18.0	66.0	18.0	84.0	63.0
SW12	05/23/2022	0-4	<0.024	<0.100	<4.90	<9.40	<47.0	<9.40	<47.0	<60.0
SW13	05/23/2022	0-4	<0.025	<0.100	<4.90	<9.60	<48.0	<9.60	<48.0	<60.0
SW14	05/23/2022	0-4	<0.024	<0.100	<4.80	<9.30	<46.0	<9.30	<46.0	150
SW15	06/09/2022	0-4	<0.025	<0.100	<4.90	<15.0	<48.0	<15.0	<48.0	71.0
SW16	06/09/2022	0-4	<0.025	<0.100	<5.00	18.0	58.0	18.0	77.0	<60.0

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
NMOCD: New Mexico Oil Conservation Division
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
Concentrations in bold exceed the NMOCD Table 1 Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
~~Text~~ indicates soil was excavated.

ENSOLUM

APPENDIX A

Referenced Well Records

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RA 13192 **Subbasin:** RA **Cross Reference:** -

Primary Purpose: EXP EXPLORATION

Primary Status: PMT PERMIT

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 0 **Cause/Case:** -

Owner: EOG RESOUCES INC

Contact: JAMES KENNEDY

Owner: HARRISON & COOPER, INC

Contact: DAVID LAGOSKI

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	725748	EXPL	2022-05-13	PMT	APR	RA 13192 POD1	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RA 13192 POD1	NA		4	3	1	34	17S	29E	587227	3628704	

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Leonard Federal Battery
HOLE DESIGNATION: SB-1
PROJECT NUMBER: 12582594
DATE COMPLETED: May 27, 2022
CLIENT: EOG Resources
DRILLING METHOD: Air Rotary/Split Spoons and Cuttings
LOCATION: Eddy County, New Mexico
FIELD PERSONNEL: L. Mullins
DRILLING CONTRACTOR: HCI Drilling
DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	SAMPLE 'N' Value
	SP-SAND, with caliche gravel interbedded throughout, fine to medium grained, light brown, dry						
	CL-CLAY, with sand, light brown, dry	8.00					
	SP-SAND, fine to medium grained, brown to light brown, dry	45.00					
	CALICHE, unconsolidated bed	103.00					
	END OF BOREHOLE @ 106.00ft BGS	106.00					
	Monitoring well was plugged with cement grout on May 31, 2022.						

10 20 30 40 50 60 70 80 90 100 110 120

2" Ø Screen

WELL DETAILS
Screened interval:
86.00 to 106.00ft BGS
Length: 20ft
Diameter: 2in
Slot Size: 0.010
Material: PVC

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

File: I:\LOG DATABASE\8-CHAR\12-----\1258----\12582594 LEONARD\12582594.GPJ Library File: GHD_ENVIRO_V06.GLB Report: OVERBURDEN LOG Date: 6/9/22

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 Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 324746104025001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

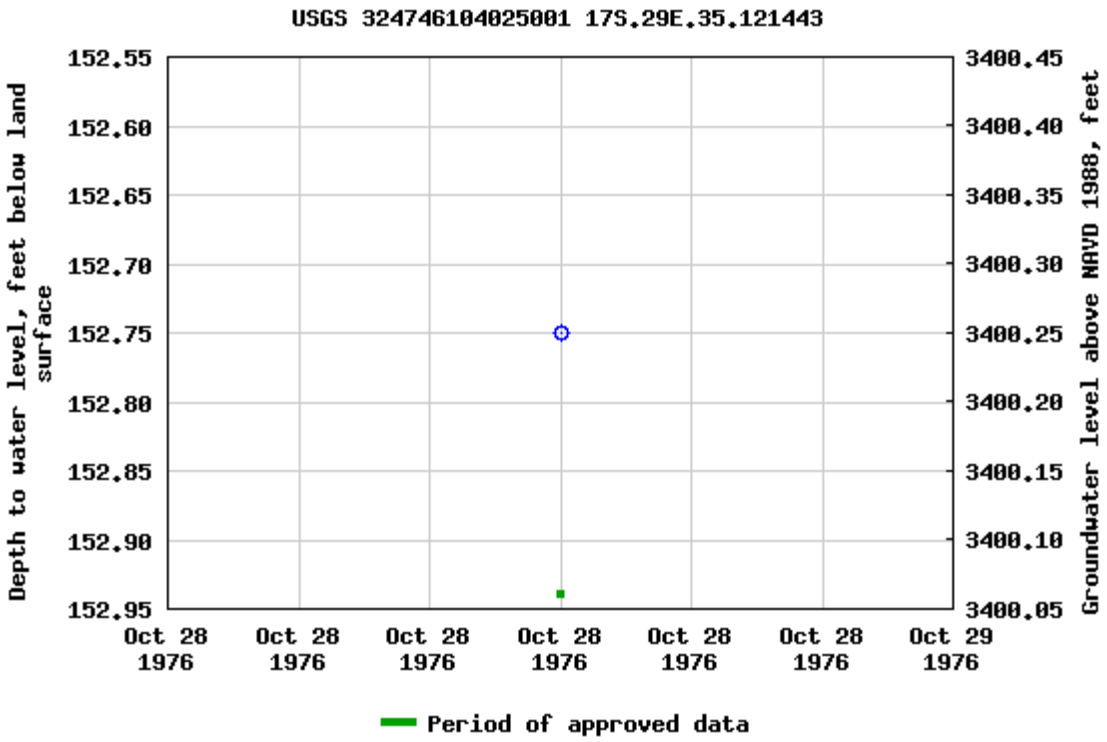
USGS 324746104025001 17S.29E.35.121443

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

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°47'46", Longitude 104°02'50" NAD27
Land-surface elevation 3,553 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) 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

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: 2022-04-14 13:59:48 EDT
0.54 0.48 nadww01

ENSOLUM

APPENDIX B

Lithologic Soil Sampling Logs

ENSOLUM

	Sample Name: BH01	Date: 04/14/2022
	Site Name: Leonard Fed Battery	
	Incident Number: nAPP2212458439	
	Job Number: 03C2000003	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Connor Shore	Method: Hand Auger
Coordinates: 32.792975, -104.068099	Hole Diameter: ~3"	Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
	750	6		BH01	0.5'	0.5'		Caliche
	1,142	4.8			1'	1'		Fine red sand
	6,076	2.5		BH01A	2'	2'		Fine red sand
	5,616	2.2			3'	3'		Fine red sand
	8,982	2.3		BH01B	4'	4'		Fine red sand
	7,672	0.5		BH01C	5'	5'		Fine red sand TD at 5'

ENSOLUM

	Sample Name: BH02	Date: 04/14/2022
	Site Name: Leonard Fed Battery	
	Incident Number: nAPP2212458439	
	Job Number: 03C2000003	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Connor Shore	Method: Hand Auger
Coordinates: 32.793024, -104.068072	Hole Diameter: ~3"	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
	ND	6		BH02	0.5'	0.5'		Fine red sand
	ND	4.8			1'	1'		Fine red sand
	341	2.5			2'	2'		Fine red sand
	442	2.2			3'	3'		Fine red sand
	1,887	2.3		BH02A	4'	4'		Fine red sand TD at 4'

ENSOLUM

	Sample Name: BH03	Date: 04/14/2022
	Site Name: Leonard Fed Battery	
	Incident Number: nAPP2212458439	
	Job Number: 03C2000003	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Connor Shore	Method: Hand Auger
Coordinates: 32.793063, -104.06802	Hole Diameter: ~3"	Total Depth: 1.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
	ND	1.3		BH03	0.5'	0.5'		Fine red sand
	341	1.3			1'	1'		Fine red sand
	1,482	0.9		BH03A				Fine red sand (refusal)
								TD at 1.5'

ENSOLUM

	Sample Name: BH04	Date: 04/14/2022
	Site Name: Leonard Fed Battery	
	Incident Number: nAPP2212458439	
	Job Number: 03C2000003	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Connor Shore	Method: Hand Auger
Coordinates: 32.793111, -104.067978	Hole Diameter: ~3"	Total Depth: 2'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
	ND	1.2		BH04	0.5'	0.5'		Fine red sand
	ND	0.3			1'	1'		Fine red sand
	621	0.2		BH04A	2'	2'		Fine red sand (refusal) TD at 2'

ENSOLUM

APPENDIX C

Photographic Log

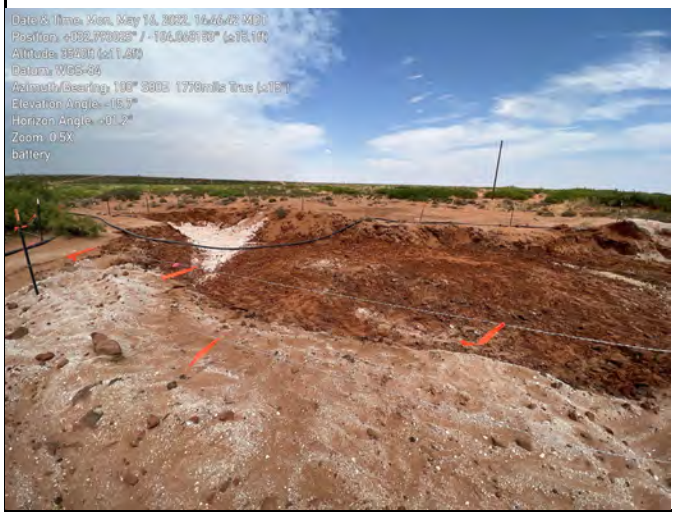
ENSOLUM

Photographic Log
EOG Resources Inc.
Leonard Fed Battery
nAPP2212458439

Photograph 1 Date: 8/24/2018
Description: View of release staining facing East

Photograph 2 Date: 8/24/2018
Description: View of release staining facing North

Photograph 3 Date: 4/14/2022
Description: View during deliniation activities facing North



Photograph 4 Date: 5/16/2022
Description: View of excavation facing East

ENSOLUM

Photographic Log
EOG Resources Inc.
Leonard Fed Battery
nAPP2212458439

Photograph 5 Date: 5/16/2022
Description: View of excavation facing South

Photograph 6 Date: 5/16/2022
Description: View of excavation facing South

Photograph 7 Date: 5/16/2022
Description: View of excavation facing Southwest

Photograph 8 Date: 5/16/2022
Description View of excavation facing North

ENSOLUM

APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

June 03, 2022

Tacoma Morrissey
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Leonard Federal Battery OrderNo.: 2205A96

Dear Tacoma Morrissey:

Hall Environmental Analysis Laboratory received 7 sample(s) on 5/25/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2205A96**
Date Reported: **6/3/2022**

CLIENT: EOG
Client Sample ID: SW08 0-4'
Project: Leonard Federal Battery
Collection Date: 5/23/2022 9:45:00 AM
Lab ID: 2205A96-001 **Matrix:** SOIL
Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/1/2022 2:56:29 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	36	9.7		mg/Kg	1	5/28/2022 3:28:17 PM	67736
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	5/28/2022 3:28:17 PM	67736
Surr: DNOP	114	51.1-141		%Rec	1	5/28/2022 3:28:17 PM	67736
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/27/2022 9:47:00 PM	67728
Surr: BFB	85.9	37.7-212		%Rec	1	5/27/2022 9:47:00 PM	67728
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/27/2022 9:47:00 PM	67728
Toluene	ND	0.050		mg/Kg	1	5/27/2022 9:47:00 PM	67728
Ethylbenzene	ND	0.050		mg/Kg	1	5/27/2022 9:47:00 PM	67728
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2022 9:47:00 PM	67728
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	5/27/2022 9:47:00 PM	67728

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

Qualifiers:

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

Analytical Report
Lab Order **2205A96**
Date Reported: **6/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW09 0-4'
Project: Leonard Federal Battery
Collection Date: 5/23/2022 9:50:00 AM
Lab ID: 2205A96-002 **Matrix:** SOIL **Received Date:** 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/1/2022 3:33:41 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/27/2022 9:02:22 PM	67736
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/27/2022 9:02:22 PM	67736
Surr: DNOP	128	51.1-141		%Rec	1	5/27/2022 9:02:22 PM	67736
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2022 10:07:00 PM	67728
Surr: BFB	85.7	37.7-212		%Rec	1	5/27/2022 10:07:00 PM	67728
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/27/2022 10:07:00 PM	67728
Toluene	ND	0.049		mg/Kg	1	5/27/2022 10:07:00 PM	67728
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2022 10:07:00 PM	67728
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2022 10:07:00 PM	67728
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	5/27/2022 10:07:00 PM	67728

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

Qualifiers:

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

Analytical Report
Lab Order **2205A96**
Date Reported: **6/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW10 0-4'
Project: Leonard Federal Battery
Collection Date: 5/23/2022 9:55:00 AM
Lab ID: 2205A96-003 **Matrix:** SOIL
Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/1/2022 4:10:55 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/27/2022 9:26:08 PM	67736
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2022 9:26:08 PM	67736
Surr: DNOP	115	51.1-141		%Rec	1	5/27/2022 9:26:08 PM	67736
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2022 10:27:00 PM	67728
Surr: BFB	86.5	37.7-212		%Rec	1	5/27/2022 10:27:00 PM	67728
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	5/27/2022 10:27:00 PM	67728
Toluene	ND	0.049		mg/Kg	1	5/27/2022 10:27:00 PM	67728
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2022 10:27:00 PM	67728
Xylenes, Total	ND	0.097		mg/Kg	1	5/27/2022 10:27:00 PM	67728
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	5/27/2022 10:27:00 PM	67728

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

Qualifiers:

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

Analytical Report
Lab Order **2205A96**
Date Reported: **6/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW11 0-4'
Project: Leonard Federal Battery
Collection Date: 5/23/2022 10:00:00 AM
Lab ID: 2205A96-004 **Matrix:** SOIL **Received Date:** 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	63	60		mg/Kg	20	6/1/2022 4:23:20 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	18	9.6		mg/Kg	1	5/27/2022 9:49:42 PM	67736
Motor Oil Range Organics (MRO)	66	48		mg/Kg	1	5/27/2022 9:49:42 PM	67736
Surr: DNOP	111	51.1-141		%Rec	1	5/27/2022 9:49:42 PM	67736
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2022 10:46:00 PM	67728
Surr: BFB	89.8	37.7-212		%Rec	1	5/27/2022 10:46:00 PM	67728
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/27/2022 10:46:00 PM	67728
Toluene	ND	0.049		mg/Kg	1	5/27/2022 10:46:00 PM	67728
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2022 10:46:00 PM	67728
Xylenes, Total	ND	0.099		mg/Kg	1	5/27/2022 10:46:00 PM	67728
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	5/27/2022 10:46:00 PM	67728

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

Qualifiers:

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

Analytical Report
Lab Order **2205A96**
Date Reported: **6/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW12 0-4'
Project: Leonard Federal Battery
Collection Date: 5/23/2022 10:05:00 AM
Lab ID: 2205A96-005 **Matrix:** SOIL
Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/1/2022 4:35:45 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/27/2022 10:13:19 PM	67736
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/27/2022 10:13:19 PM	67736
Surr: DNOP	109	51.1-141		%Rec	1	5/27/2022 10:13:19 PM	67736
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2022 11:06:00 PM	67728
Surr: BFB	87.7	37.7-212		%Rec	1	5/27/2022 11:06:00 PM	67728
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	5/27/2022 11:06:00 PM	67728
Toluene	ND	0.049		mg/Kg	1	5/27/2022 11:06:00 PM	67728
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2022 11:06:00 PM	67728
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2022 11:06:00 PM	67728
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	5/27/2022 11:06:00 PM	67728

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

Qualifiers:

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

Analytical Report
Lab Order **2205A96**
Date Reported: **6/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW13 0-4'
Project: Leonard Federal Battery
Collection Date: 5/23/2022 10:10:00 AM
Lab ID: 2205A96-006 **Matrix:** SOIL
Received Date: 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/1/2022 4:48:09 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/27/2022 10:37:02 PM	67736
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2022 10:37:02 PM	67736
Surr: DNOP	122	51.1-141		%Rec	1	5/27/2022 10:37:02 PM	67736
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/27/2022 11:26:00 PM	67728
Surr: BFB	87.8	37.7-212		%Rec	1	5/27/2022 11:26:00 PM	67728
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/27/2022 11:26:00 PM	67728
Toluene	ND	0.049		mg/Kg	1	5/27/2022 11:26:00 PM	67728
Ethylbenzene	ND	0.049		mg/Kg	1	5/27/2022 11:26:00 PM	67728
Xylenes, Total	ND	0.098		mg/Kg	1	5/27/2022 11:26:00 PM	67728
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	5/27/2022 11:26:00 PM	67728

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

Qualifiers:

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

Analytical Report
Lab Order **2205A96**
Date Reported: **6/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW14 0-4'
Project: Leonard Federal Battery
Collection Date: 5/23/2022 10:15:00 AM
Lab ID: 2205A96-007 **Matrix:** SOIL **Received Date:** 5/25/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	150	60		mg/Kg	20	6/1/2022 5:00:33 AM	67796
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/27/2022 11:00:34 PM	67736
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/27/2022 11:00:34 PM	67736
Surr: DNOP	116	51.1-141		%Rec	1	5/27/2022 11:00:34 PM	67736
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/27/2022 11:45:00 PM	67728
Surr: BFB	85.0	37.7-212		%Rec	1	5/27/2022 11:45:00 PM	67728
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	5/27/2022 11:45:00 PM	67728
Toluene	ND	0.048		mg/Kg	1	5/27/2022 11:45:00 PM	67728
Ethylbenzene	ND	0.048		mg/Kg	1	5/27/2022 11:45:00 PM	67728
Xylenes, Total	ND	0.096		mg/Kg	1	5/27/2022 11:45:00 PM	67728
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	5/27/2022 11:45:00 PM	67728

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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#: **2205A96**

03-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67796**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **67796**	RunNo: **88375**
Prep Date: **5/31/2022**	Analysis Date: **5/31/2022**	SeqNo: **3135693** Units: **mg/Kg**

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

Sample ID: **LCS-67796**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **67796**	RunNo: **88375**
Prep Date: **5/31/2022**	Analysis Date: **6/1/2022**	SeqNo: **3135694** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205A96**

03-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67680**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67680**	RunNo: **88246**
Prep Date: **5/25/2022**	Analysis Date: **5/26/2022**	SeqNo: **3132682** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.3		10.00		93.1	51.1	141			

Sample ID: **LCS-67680**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67680**	RunNo: **88246**
Prep Date: **5/25/2022**	Analysis Date: **5/26/2022**	SeqNo: **3132685** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		93.1	51.1	141			

Sample ID: **MB-67736**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67736**	RunNo: **88246**
Prep Date: **5/26/2022**	Analysis Date: **5/27/2022**	SeqNo: **3133612** 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		108	51.1	141			

Sample ID: **LCS-67736**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67736**	RunNo: **88246**
Prep Date: **5/26/2022**	Analysis Date: **5/27/2022**	SeqNo: **3133613** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	64.4	127			
Surr: DNOP	4.7		5.000		93.7	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205A96**

03-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-67728**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67728**	RunNo: **88349**
Prep Date: **5/26/2022**	Analysis Date: **5/27/2022**	SeqNo: **3133510** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	72.3	137			
Surr: BFB	1800		1000		184	37.7	212			

Sample ID: **mb-67728**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67728**	RunNo: **88349**
Prep Date: **5/26/2022**	Analysis Date: **5/27/2022**	SeqNo: **3133511** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		87.5	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205A96**

03-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-67728** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **67728** RunNo: **88349**

Prep Date: **5/26/2022** Analysis Date: **5/27/2022** SeqNo: **3133559** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.2	80	120			
Toluene	0.94	0.050	1.000	0	94.5	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.2	70	130			

Sample ID: **mb-67728** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **67728** RunNo: **88349**

Prep Date: **5/26/2022** Analysis Date: **5/27/2022** SeqNo: **3133560** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2205A96 | RcptNo: 1

Received By: Juan Rojas 5/25/2022 7:15:00 AM

Completed By: Sean Livingston 5/25/2022 9:00:58 AM

Reviewed By: JR 5/25/22

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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: 5-25-22

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.6	Good				

Chain-of-Custody Record

Client: Chase Settle / EOG

Mailing Address: 105 South 4th St
Artesia, NM 88210

Phone #:

email or Fax#: Chase_Settle@eogresources.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush 5 Days

Project Name: Leonard Federal Battery

Project #: 03C2000003

Project Manager: Tacoma Morrissey (337)-257-8307 tmorrissey@transolum.com

Sampler: Kase Parker

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 2.6-0=2.6 (°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. 2205A96	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)
5/23/22	0945	S	SW08 0-4'	2oz jar	N/A	001	X	X					X			
	0950		SW09			002										
	0955		SW10			003										
	1000		SW11			004										
	1005		SW12			005										
	1010		SW13			006										
↓	1015	↓	SW14	↓	↓	007	↓	↓					↓			
					RP											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/23/22	1200	Kase Parker			5/24/22	1310
5/24/22	1900			Courier	5/25/22	7:15

Remarks: Amber_Griffin@eogresources.com

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: www.hallenvironmental.com

April 27, 2022

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

RE: Leonard Federal Battery OrderNo.: 2204759

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/16/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

CLIENT: EOG
Client Sample ID: BH01 0.5'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 10:45:00 AM
Lab ID: 2204759-001 **Matrix:** SOIL
Received Date: 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	710	60		mg/Kg	20	4/21/2022 9:48:53 PM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	5400	490		mg/Kg	50	4/20/2022 4:55:08 PM	66925
Motor Oil Range Organics (MRO)	6600	2400		mg/Kg	50	4/20/2022 4:55:08 PM	66925
Surr: DNOP	0	51.1-141	S	%Rec	50	4/20/2022 4:55:08 PM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	4/19/2022 11:15:00 AM	66904
Surr: BFB	104	37.7-212		%Rec	5	4/19/2022 11:15:00 AM	66904
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.12		mg/Kg	5	4/19/2022 11:15:00 AM	66904
Toluene	ND	0.24		mg/Kg	5	4/19/2022 11:15:00 AM	66904
Ethylbenzene	ND	0.24		mg/Kg	5	4/19/2022 11:15:00 AM	66904
Xylenes, Total	ND	0.49		mg/Kg	5	4/19/2022 11:15:00 AM	66904
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	5	4/19/2022 11:15:00 AM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH01 2'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 10:55:00 AM
Lab ID: 2204759-002 **Matrix:** SOIL **Received Date:** 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	5400	300		mg/Kg	100	4/22/2022 9:20:16 AM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	680	96		mg/Kg	10	4/22/2022 10:25:18 AM	66925
Motor Oil Range Organics (MRO)	980	480		mg/Kg	10	4/22/2022 10:25:18 AM	66925
Surr: DNOP	0	51.1-141	S	%Rec	10	4/22/2022 10:25:18 AM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/19/2022 12:14:00 PM	66904
Surr: BFB	101	37.7-212		%Rec	1	4/19/2022 12:14:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	4/19/2022 12:14:00 PM	66904
Toluene	ND	0.048		mg/Kg	1	4/19/2022 12:14:00 PM	66904
Ethylbenzene	ND	0.048		mg/Kg	1	4/19/2022 12:14:00 PM	66904
Xylenes, Total	ND	0.097		mg/Kg	1	4/19/2022 12:14:00 PM	66904
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	4/19/2022 12:14:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH01 4'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 11:05:00 AM
Lab ID: 2204759-003 **Matrix:** SOIL
Received Date: 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	15000	600		mg/Kg	200	4/22/2022 9:32:40 AM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	84	9.8		mg/Kg	1	4/22/2022 11:12:39 AM	66925
Motor Oil Range Organics (MRO)	99	49		mg/Kg	1	4/22/2022 11:12:39 AM	66925
Surr: DNOP	106	51.1-141		%Rec	1	4/22/2022 11:12:39 AM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/19/2022 1:13:00 PM	66904
Surr: BFB	102	37.7-212		%Rec	1	4/19/2022 1:13:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	4/19/2022 1:13:00 PM	66904
Toluene	ND	0.047		mg/Kg	1	4/19/2022 1:13:00 PM	66904
Ethylbenzene	ND	0.047		mg/Kg	1	4/19/2022 1:13:00 PM	66904
Xylenes, Total	ND	0.094		mg/Kg	1	4/19/2022 1:13:00 PM	66904
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	4/19/2022 1:13:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH01 5'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 12:15:00 PM
Lab ID: 2204759-004 **Matrix:** SOIL **Received Date:** 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	10000	600		mg/Kg	200	4/22/2022 9:45:05 AM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	35	9.8		mg/Kg	1	4/20/2022 6:08:40 PM	66925
Motor Oil Range Organics (MRO)	53	49		mg/Kg	1	4/20/2022 6:08:40 PM	66925
Surr: DNOP	98.5	51.1-141		%Rec	1	4/20/2022 6:08:40 PM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/19/2022 1:33:00 PM	66904
Surr: BFB	99.3	37.7-212		%Rec	1	4/19/2022 1:33:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	4/19/2022 1:33:00 PM	66904
Toluene	ND	0.048		mg/Kg	1	4/19/2022 1:33:00 PM	66904
Ethylbenzene	ND	0.048		mg/Kg	1	4/19/2022 1:33:00 PM	66904
Xylenes, Total	ND	0.095		mg/Kg	1	4/19/2022 1:33:00 PM	66904
Surr: 4-Bromofluorobenzene	82.3	70-130		%Rec	1	4/19/2022 1:33:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH02 0.5'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 11:30:00 AM
Lab ID: 2204759-005 **Matrix:** SOIL
Received Date: 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	61		mg/Kg	20	4/21/2022 11:03:00 PM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	300	9.3		mg/Kg	1	4/22/2022 11:36:32 AM	66925
Motor Oil Range Organics (MRO)	520	46		mg/Kg	1	4/22/2022 11:36:32 AM	66925
Surr: DNOP	109	51.1-141		%Rec	1	4/22/2022 11:36:32 AM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/19/2022 1:53:00 PM	66904
Surr: BFB	104	37.7-212		%Rec	1	4/19/2022 1:53:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/19/2022 1:53:00 PM	66904
Toluene	ND	0.049		mg/Kg	1	4/19/2022 1:53:00 PM	66904
Ethylbenzene	ND	0.049		mg/Kg	1	4/19/2022 1:53:00 PM	66904
Xylenes, Total	ND	0.097		mg/Kg	1	4/19/2022 1:53:00 PM	66904
Surr: 4-Bromofluorobenzene	84.5	70-130		%Rec	1	4/19/2022 1:53:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH02 4'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 11:50:00 AM
Lab ID: 2204759-006 **Matrix:** SOIL
Received Date: 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	2600	150		mg/Kg	50	4/22/2022 9:57:30 AM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/20/2022 6:57:35 PM	66925
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/20/2022 6:57:35 PM	66925
Surr: DNOP	94.2	51.1-141		%Rec	1	4/20/2022 6:57:35 PM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/19/2022 2:13:00 PM	66904
Surr: BFB	102	37.7-212		%Rec	1	4/19/2022 2:13:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	4/19/2022 2:13:00 PM	66904
Toluene	ND	0.049		mg/Kg	1	4/19/2022 2:13:00 PM	66904
Ethylbenzene	ND	0.049		mg/Kg	1	4/19/2022 2:13:00 PM	66904
Xylenes, Total	ND	0.097		mg/Kg	1	4/19/2022 2:13:00 PM	66904
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	4/19/2022 2:13:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH03 0.5'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 12:40:00 PM
Lab ID: 2204759-007 **Matrix:** SOIL **Received Date:** 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	75	60		mg/Kg	20	4/21/2022 11:27:40 PM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/20/2022 7:22:01 PM	66925
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/20/2022 7:22:01 PM	66925
Surr: DNOP	92.4	51.1-141		%Rec	1	4/20/2022 7:22:01 PM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/19/2022 2:32:00 PM	66904
Surr: BFB	103	37.7-212		%Rec	1	4/19/2022 2:32:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	4/19/2022 2:32:00 PM	66904
Toluene	ND	0.050		mg/Kg	1	4/19/2022 2:32:00 PM	66904
Ethylbenzene	ND	0.050		mg/Kg	1	4/19/2022 2:32:00 PM	66904
Xylenes, Total	ND	0.10		mg/Kg	1	4/19/2022 2:32:00 PM	66904
Surr: 4-Bromofluorobenzene	84.9	70-130		%Rec	1	4/19/2022 2:32:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH03 1.5'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 12:50:00 PM
Lab ID: 2204759-008 **Matrix:** SOIL **Received Date:** 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2100	150		mg/Kg	50	4/22/2022 10:09:55 AM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/20/2022 7:46:17 PM	66925
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/20/2022 7:46:17 PM	66925
Surr: DNOP	92.5	51.1-141		%Rec	1	4/20/2022 7:46:17 PM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/19/2022 2:52:00 PM	66904
Surr: BFB	106	37.7-212		%Rec	1	4/19/2022 2:52:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/19/2022 2:52:00 PM	66904
Toluene	ND	0.048		mg/Kg	1	4/19/2022 2:52:00 PM	66904
Ethylbenzene	ND	0.048		mg/Kg	1	4/19/2022 2:52:00 PM	66904
Xylenes, Total	ND	0.096		mg/Kg	1	4/19/2022 2:52:00 PM	66904
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	4/19/2022 2:52:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH04 0.5'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 1:05:00 PM
Lab ID: 2204759-009 **Matrix:** SOIL **Received Date:** 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	61		mg/Kg	20	4/22/2022 12:17:04 AM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/20/2022 8:10:51 PM	66925
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/20/2022 8:10:51 PM	66925
Surr: DNOP	84.3	51.1-141		%Rec	1	4/20/2022 8:10:51 PM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/19/2022 3:12:00 PM	66904
Surr: BFB	104	37.7-212		%Rec	1	4/19/2022 3:12:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/19/2022 3:12:00 PM	66904
Toluene	ND	0.049		mg/Kg	1	4/19/2022 3:12:00 PM	66904
Ethylbenzene	ND	0.049		mg/Kg	1	4/19/2022 3:12:00 PM	66904
Xylenes, Total	ND	0.097		mg/Kg	1	4/19/2022 3:12:00 PM	66904
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	4/19/2022 3:12:00 PM	66904

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

Qualifiers:

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

Analytical Report
Lab Order **2204759**
Date Reported: **4/27/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: BH04 2'
Project: Leonard Federal Battery
Collection Date: 4/14/2022 1:15:00 PM
Lab ID: 2204759-010 **Matrix:** SOIL **Received Date:** 4/16/2022 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	690	60		mg/Kg	20	4/22/2022 12:29:25 AM	67001
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/20/2022 8:35:12 PM	66925
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/20/2022 8:35:12 PM	66925
Surr: DNOP	84.3	51.1-141		%Rec	1	4/20/2022 8:35:12 PM	66925
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/19/2022 3:31:00 PM	66904
Surr: BFB	103	37.7-212		%Rec	1	4/19/2022 3:31:00 PM	66904
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	4/19/2022 3:31:00 PM	66904
Toluene	ND	0.049		mg/Kg	1	4/19/2022 3:31:00 PM	66904
Ethylbenzene	ND	0.049		mg/Kg	1	4/19/2022 3:31:00 PM	66904
Xylenes, Total	ND	0.098		mg/Kg	1	4/19/2022 3:31:00 PM	66904
Surr: 4-Bromofluorobenzene	83.4	70-130		%Rec	1	4/19/2022 3:31:00 PM	66904

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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#: **2204759**

27-Apr-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67001**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **67001**	RunNo: **87438**
Prep Date: **4/21/2022**	Analysis Date: **4/21/2022**	SeqNo: **3093533** Units: **mg/Kg**

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

Sample ID: **LCS-67001**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **67001**	RunNo: **87438**
Prep Date: **4/21/2022**	Analysis Date: **4/21/2022**	SeqNo: **3093534** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.3	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204759**

27-Apr-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **LCS-66925** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **66925** RunNo: **87434**

Prep Date: **4/19/2022** Analysis Date: **4/20/2022** SeqNo: **3093287** 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	91.5	68.9	135			
Surr: DNOP	4.4		5.000		87.2	51.1	141			

Sample ID: **MB-66925** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **66925** RunNo: **87453**

Prep Date: **4/19/2022** Analysis Date: **4/22/2022** SeqNo: **3094094** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		92.7	51.1	141			

Sample ID: **MB-66957** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **66957** RunNo: **87453**

Prep Date: **4/20/2022** Analysis Date: **4/22/2022** SeqNo: **3094095** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		105	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204759**

27-Apr-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-66904**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **66904**	RunNo: **87354**
Prep Date: **4/18/2022**	Analysis Date: **4/19/2022**	SeqNo: **3089716** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	72.3	137			
Surr: BFB	2300		1000		233	37.7	212			S

Sample ID: **mb-66904**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **66904**	RunNo: **87354**
Prep Date: **4/18/2022**	Analysis Date: **4/19/2022**	SeqNo: **3089717** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204759**

27-Apr-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-66904**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **66904**	RunNo: **87354**
Prep Date: **4/18/2022**	Analysis Date: **4/19/2022**	SeqNo: **3089755** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.4	80	120			
Toluene	0.91	0.050	1.000	0	90.7	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.4	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.5	70	130			

Sample ID: **mb-66904**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **66904**	RunNo: **87354**
Prep Date: **4/18/2022**	Analysis Date: **4/19/2022**	SeqNo: **3089756** 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	0.88		1.000		87.7	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2204759 | RcptNo: 1

Received By: Sean Livingston 4/16/2022 9:50:00 AM Sean Livingston

Completed By: Sean Livingston 4/16/2022 10:14:19 AM Sean Livingston

Reviewed By: 04/16/2022

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: SGC 4/16/22

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.9	Good				

Chain-of-Custody Record

Client: EOG, Chase Settle

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

Phone #: amber_griffin@eogresources.com

email or Fax#: chase_settle@eogresources.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☒ Rush 5 Days

Project Name:
Leonard Federal Battery

Project #:
03C2000003

Project Manager:
Tacoma Morrissey

Sampler: Conner Shore
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 5.9 +0 = 5.9°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. 2204759	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	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent
4/14/2022	1045		BH01 PH01 0.5'	1, 2 oz.	N/A	001	x	x					x			
4/14/2022	1055		BH01 PH01 2'	1, 2 oz.	N/A	002	x	x					x			
4/14/2022	1105		BH01 PH01 4'	1, 2 oz.	N/A	003	x	x					x			
4/14/2022	1215		BH01 PH01 5'	1, 2 oz.	N/A	004	x	x					x			
4/14/2022	1130		BH02 PH02 0.5'	1, 2 oz.	N/A	005	x	x					x			
4/14/2022	1150		BH02 PH02 4'	1, 2 oz.	N/A	006	x	x					x			
4/14/2022	1240		BH03 PH03 0.5'	1, 2 oz.	N/A	007	x	x					x			
4/14/2022	1250		BH03 PH03 1.5'	1, 2 oz.	N/A	008	x	x					x			
4/14/2022	1305		BH04 PH04 0.5'	1, 2 oz.	N/A	009	x	x					x			
4/14/2022	1315		BH04 PH04 2.5'	1, 2 oz.	N/A	010	x	x					x			
			per Erin 4/18/22													

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/15	750				4/15/22	750
4/22	1900		Sir courier		4/16/22	9:50

Remarks:
NOTHING SPECIAL ABOUT THE SAMPLE Name colors printer just printed them not all the same

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: www.hallenvironmental.com

May 25, 2022

Tacoma Morrissey
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Leonard Fed Battery OrderNo.: 2205623

Dear Tacoma Morrissey:

Hall Environmental Analysis Laboratory received 10 sample(s) on 5/13/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW01@0-4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 12:15:00 PM
Lab ID: 2205623-001 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	350	60		mg/Kg	20	5/17/2022 1:18:31 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/21/2022 2:11:55 AM	67477
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/21/2022 2:11:55 AM	67477
Surr: DNOP	83.0	51.1-141		%Rec	1	5/21/2022 2:11:55 AM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2022 1:03:00 AM	67456
Surr: BFB	94.9	37.7-212		%Rec	1	5/17/2022 1:03:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	5/17/2022 1:03:00 AM	67456
Toluene	ND	0.049		mg/Kg	1	5/17/2022 1:03:00 AM	67456
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2022 1:03:00 AM	67456
Xylenes, Total	ND	0.098		mg/Kg	1	5/17/2022 1:03:00 AM	67456
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	5/17/2022 1:03:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW02@0-4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 12:20:00 PM
Lab ID: 2205623-002 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	200	60		mg/Kg	20	5/17/2022 1:30:55 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/21/2022 2:35:44 AM	67477
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/21/2022 2:35:44 AM	67477
Surr: DNOP	91.8	51.1-141		%Rec	1	5/21/2022 2:35:44 AM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/17/2022 1:22:00 AM	67456
Surr: BFB	91.7	37.7-212		%Rec	1	5/17/2022 1:22:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	5/17/2022 1:22:00 AM	67456
Toluene	ND	0.046		mg/Kg	1	5/17/2022 1:22:00 AM	67456
Ethylbenzene	ND	0.046		mg/Kg	1	5/17/2022 1:22:00 AM	67456
Xylenes, Total	ND	0.093		mg/Kg	1	5/17/2022 1:22:00 AM	67456
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	5/17/2022 1:22:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW03@0-4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 12:25:00 PM
Lab ID: 2205623-003 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	85	60		mg/Kg	20	5/17/2022 1:43:19 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/21/2022 2:59:29 AM	67477
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/21/2022 2:59:29 AM	67477
Surr: DNOP	95.3	51.1-141		%Rec	1	5/21/2022 2:59:29 AM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2022 1:42:00 AM	67456
Surr: BFB	94.3	37.7-212		%Rec	1	5/17/2022 1:42:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/17/2022 1:42:00 AM	67456
Toluene	ND	0.049		mg/Kg	1	5/17/2022 1:42:00 AM	67456
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2022 1:42:00 AM	67456
Xylenes, Total	ND	0.099		mg/Kg	1	5/17/2022 1:42:00 AM	67456
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	5/17/2022 1:42:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW04@0-4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 12:30:00 PM
Lab ID: 2205623-004 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	5/17/2022 2:20:32 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	1100	190		mg/Kg	20	5/23/2022 11:24:11 AM	67619
Motor Oil Range Organics (MRO)	1200	960		mg/Kg	20	5/23/2022 11:24:11 AM	67619
Surr: DNOP	0	51.1-141	S	%Rec	20	5/23/2022 11:24:11 AM	67619
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	5/17/2022 2:02:00 AM	67456
Surr: BFB	96.4	37.7-212		%Rec	5	5/17/2022 2:02:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.12		mg/Kg	5	5/17/2022 2:02:00 AM	67456
Toluene	ND	0.25		mg/Kg	5	5/17/2022 2:02:00 AM	67456
Ethylbenzene	ND	0.25		mg/Kg	5	5/17/2022 2:02:00 AM	67456
Xylenes, Total	ND	0.50		mg/Kg	5	5/17/2022 2:02:00 AM	67456
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	5	5/17/2022 2:02:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW05@0-4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 1:30:00 PM
Lab ID: 2205623-005 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	92	61		mg/Kg	20	5/17/2022 2:32:57 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/21/2022 3:47:05 AM	67477
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/21/2022 3:47:05 AM	67477
Surr: DNOP	95.1	51.1-141		%Rec	1	5/21/2022 3:47:05 AM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2022 2:21:00 AM	67456
Surr: BFB	97.7	37.7-212		%Rec	1	5/17/2022 2:21:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/17/2022 2:21:00 AM	67456
Toluene	ND	0.049		mg/Kg	1	5/17/2022 2:21:00 AM	67456
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2022 2:21:00 AM	67456
Xylenes, Total	ND	0.099		mg/Kg	1	5/17/2022 2:21:00 AM	67456
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	5/17/2022 2:21:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW06@0-4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 1:35:00 PM
Lab ID: 2205623-006 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	420	60		mg/Kg	20	5/17/2022 3:10:09 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/18/2022 8:48:55 AM	67477
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/18/2022 8:48:55 AM	67477
Surr: DNOP	52.8	51.1-141		%Rec	1	5/18/2022 8:48:55 AM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/17/2022 2:41:00 AM	67456
Surr: BFB	92.1	37.7-212		%Rec	1	5/17/2022 2:41:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	5/17/2022 2:41:00 AM	67456
Toluene	ND	0.047		mg/Kg	1	5/17/2022 2:41:00 AM	67456
Ethylbenzene	ND	0.047		mg/Kg	1	5/17/2022 2:41:00 AM	67456
Xylenes, Total	ND	0.094		mg/Kg	1	5/17/2022 2:41:00 AM	67456
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	5/17/2022 2:41:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS01@4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 2:15:00 PM
Lab ID: 2205623-007 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	620	60		mg/Kg	20	5/17/2022 3:47:22 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/18/2022 9:03:07 AM	67477
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/18/2022 9:03:07 AM	67477
Surr: DNOP	53.8	51.1-141		%Rec	1	5/18/2022 9:03:07 AM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2022 3:01:00 AM	67456
Surr: BFB	96.1	37.7-212		%Rec	1	5/17/2022 3:01:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	5/17/2022 3:01:00 AM	67456
Toluene	ND	0.049		mg/Kg	1	5/17/2022 3:01:00 AM	67456
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2022 3:01:00 AM	67456
Xylenes, Total	ND	0.097		mg/Kg	1	5/17/2022 3:01:00 AM	67456
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	5/17/2022 3:01:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS02@4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 2:20:00 PM
Lab ID: 2205623-008 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	9900	600		mg/Kg	200	5/18/2022 11:16:29 AM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	17	9.6		mg/Kg	1	5/23/2022 12:02:22 PM	67477
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/23/2022 12:02:22 PM	67477
Surr: DNOP	114	51.1-141		%Rec	1	5/23/2022 12:02:22 PM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/17/2022 3:20:00 AM	67456
Surr: BFB	94.3	37.7-212		%Rec	1	5/17/2022 3:20:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/17/2022 3:20:00 AM	67456
Toluene	ND	0.050		mg/Kg	1	5/17/2022 3:20:00 AM	67456
Ethylbenzene	ND	0.050		mg/Kg	1	5/17/2022 3:20:00 AM	67456
Xylenes, Total	ND	0.10		mg/Kg	1	5/17/2022 3:20:00 AM	67456
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	5/17/2022 3:20:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS03@4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 2:25:00 PM
Lab ID: 2205623-009 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	3000	150		mg/Kg	50	5/18/2022 11:28:50 AM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/20/2022 4:16:35 PM	67477
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/20/2022 4:16:35 PM	67477
Surr: DNOP	97.0	51.1-141		%Rec	1	5/20/2022 4:16:35 PM	67477
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/17/2022 4:19:00 AM	67456
Surr: BFB	92.0	37.7-212		%Rec	1	5/17/2022 4:19:00 AM	67456
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	5/17/2022 4:19:00 AM	67456
Toluene	ND	0.047		mg/Kg	1	5/17/2022 4:19:00 AM	67456
Ethylbenzene	ND	0.047		mg/Kg	1	5/17/2022 4:19:00 AM	67456
Xylenes, Total	ND	0.094		mg/Kg	1	5/17/2022 4:19:00 AM	67456
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	5/17/2022 4:19:00 AM	67456

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

Qualifiers:

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

Analytical Report
Lab Order **2205623**
Date Reported: **5/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS04@4'
Project: Leonard Fed Battery
Collection Date: 5/10/2022 2:30:00 PM
Lab ID: 2205623-010 **Matrix:** SOIL **Received Date:** 5/13/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	2100	60		mg/Kg	20	5/17/2022 4:24:35 PM	67510
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/17/2022 10:01:38 PM	67478
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/17/2022 10:01:38 PM	67478
Surr: DNOP	61.2	51.1-141		%Rec	1	5/17/2022 10:01:38 PM	67478
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/16/2022 12:49:36 PM	67457
Surr: BFB	95.5	37.7-212		%Rec	1	5/16/2022 12:49:36 PM	67457
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/16/2022 12:49:36 PM	67457
Toluene	ND	0.048		mg/Kg	1	5/16/2022 12:49:36 PM	67457
Ethylbenzene	ND	0.048		mg/Kg	1	5/16/2022 12:49:36 PM	67457
Xylenes, Total	ND	0.097		mg/Kg	1	5/16/2022 12:49:36 PM	67457
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	5/16/2022 12:49:36 PM	67457

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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#: **2205623**

25-May-22

Client: EOG

Project: Leonard Fed Battery

Sample ID: **MB-67510**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **67510**	RunNo: **88055**
Prep Date: **5/17/2022**	Analysis Date: **5/17/2022**	SeqNo: **3122338** Units: **mg/Kg**

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

Sample ID: **LCS-67510**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **67510**	RunNo: **88055**
Prep Date: **5/17/2022**	Analysis Date: **5/17/2022**	SeqNo: **3122339** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.4	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205623**

25-May-22

Client: EOG

Project: Leonard Fed Battery

Sample ID: **MB-67478**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67478**	RunNo: **88059**
Prep Date: **5/16/2022**	Analysis Date: **5/17/2022**	SeqNo: **3126729** 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	5.3		10.00		52.6	51.1	141			

Sample ID: **LCS-67478**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67478**	RunNo: **88059**
Prep Date: **5/16/2022**	Analysis Date: **5/17/2022**	SeqNo: **3126730** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	79.6	64.4	127			
Surr: DNOP	2.8		5.000		55.7	51.1	141			

Sample ID: **MB-67477**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67477**	RunNo: **88059**
Prep Date: **5/16/2022**	Analysis Date: **5/18/2022**	SeqNo: **3126742** 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	6.1		10.00		61.0	51.1	141			

Sample ID: **LCS-67477**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67477**	RunNo: **88059**
Prep Date: **5/16/2022**	Analysis Date: **5/18/2022**	SeqNo: **3126743** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	82.3	64.4	127			
Surr: DNOP	3.0		5.000		59.8	51.1	141			

Sample ID: **LCS-67548**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67548**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126893** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		101	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205623**

25-May-22

Client: EOG

Project: Leonard Fed Battery

Sample ID: **LCS-67574**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67574**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126895** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		91.5	51.1	141			

Sample ID: **MB-67548**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67548**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126897** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		112	51.1	141			

Sample ID: **MB-67574**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67574**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126899** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		103	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205623**

25-May-22

Client: EOG

Project: Leonard Fed Battery

Sample ID: **mb-67457**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67457**	RunNo: **88023**
Prep Date: **5/13/2022**	Analysis Date: **5/16/2022**	SeqNo: **3120460** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		99.9	37.7	212			

Sample ID: **lcs-67457**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67457**	RunNo: **88023**
Prep Date: **5/13/2022**	Analysis Date: **5/16/2022**	SeqNo: **3120528** 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	101	72.3	137			
Surr: BFB	2100		1000		206	37.7	212			

Sample ID: **lcs-67456**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67456**	RunNo: **88033**
Prep Date: **5/13/2022**	Analysis Date: **5/16/2022**	SeqNo: **3120641** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB	2000		1000		203	37.7	212			

Sample ID: **mb-67456**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67456**	RunNo: **88033**
Prep Date: **5/13/2022**	Analysis Date: **5/16/2022**	SeqNo: **3120642** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		90.7	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205623**

25-May-22

Client: EOG

Project: Leonard Fed Battery

Sample ID: **mb-67457**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67457**	RunNo: **88023**
Prep Date: **5/13/2022**	Analysis Date: **5/16/2022**	SeqNo: **3120505** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.3	70	130			

Sample ID: **lcs-67456**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67456**	RunNo: **88033**
Prep Date: **5/13/2022**	Analysis Date: **5/16/2022**	SeqNo: **3120693** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.2	80	120			
Toluene	0.91	0.050	1.000	0	91.4	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.0	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.5	70	130			

Sample ID: **mb-67456**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67456**	RunNo: **88033**
Prep Date: **5/13/2022**	Analysis Date: **5/16/2022**	SeqNo: **3120694** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.7	70	130			

Sample ID: **lcs-67457**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67457**	RunNo: **88033**
Prep Date: **5/13/2022**	Analysis Date: **5/17/2022**	SeqNo: **3121632** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.1	80	120			
Toluene	0.87	0.050	1.000	0	87.3	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.8	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.6	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.9	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	Estimated value
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: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2205623 | RcptNo: 1

Received By: **Juan Rojas** 5/13/2022 7:15:00 AM

Completed By: **Tracy Casarrubias** 5/13/2022 8:17:40 AM

Reviewed By: JR 5/13/22

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: KPG 5.13.22

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good	Yes			

Chain-of-Custody Record

Client: EOG

Chase Settle

Mailing Address: 105 S. 4th St

Artesia, NM 88210

Phone #:

email or Fax#: Chase_Settle@eogresources.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush 5 Days

Project Name: ~~Williams Battery~~ Leonard Fed Battery

Project #: 03C2000005~~3~~

Project Manager: Tacoma Morrissey

Sampler: Kase Parker

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.3+0.2=0.5

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. 2205623	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)
5/10/22	1215	S	SW01@Ø-4'	2oz	n/a	001	X	X					X			
	1220		SW02@Ø-4'			002										
	1225		SW03@Ø-4'			003										
	1230		SW04@Ø-4'			004										
	1330		SW05@Ø-4'			005										
	1335		SW06@Ø-4'			006										
	1415		FS01@4'			007										
	1420		FS02@4'			008										
	1425		FS03@4'			009										
↓	1430	↓	FS04@4'	↓	↓	010	↓	↓					↓			
				HP												

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/11/22	1650	Kase Parker	Anna Byers	hand-off	5/11/22	@ Ø5Ø
5/12/22	1900				5/12/22	Ø15
			Received by:	Via:	Date	Time
				courier	5/13/22	7115

Remarks:

Amber_Griffin@eogresources.com

tmorrissey@ensolum.com

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: www.hallenvironmental.com

June 02, 2022

Tacoma Morrissey
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Leonard Federal Battery OrderNo.: 2205872

Dear Tacoma Morrissey:

Hall Environmental Analysis Laboratory received 60 sample(s) on 5/19/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

CLIENT: EOG
Client Sample ID: FS05 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 8:40:00 AM
Lab ID: 2205872-001 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 4:02:24 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	390	96		mg/Kg	10	5/26/2022 11:01:03 AM	67574
Motor Oil Range Organics (MRO)	880	480		mg/Kg	10	5/26/2022 11:01:03 AM	67574
Surr: DNOP	0	51.1-141	S	%Rec	10	5/26/2022 11:01:03 AM	67574
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 6:09:00 PM	67570
Surr: BFB	82.9	37.7-212		%Rec	1	5/20/2022 6:09:00 PM	67570
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 6:09:00 PM	67570
Toluene	ND	0.049		mg/Kg	1	5/20/2022 6:09:00 PM	67570
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 6:09:00 PM	67570
Xylenes, Total	ND	0.098		mg/Kg	1	5/20/2022 6:09:00 PM	67570
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	5/20/2022 6:09:00 PM	67570

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS06 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 8:45:00 AM
Lab ID: 2205872-002 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	91	60		mg/Kg	20	5/24/2022 4:14:48 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	270	49		mg/Kg	5	5/24/2022 2:19:39 PM	67574
Motor Oil Range Organics (MRO)	440	240		mg/Kg	5	5/24/2022 2:19:39 PM	67574
Surr: DNOP	110	51.1-141		%Rec	5	5/24/2022 2:19:39 PM	67574
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 6:29:00 PM	67570
Surr: BFB	86.4	37.7-212		%Rec	1	5/20/2022 6:29:00 PM	67570
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	5/20/2022 6:29:00 PM	67570
Toluene	ND	0.049		mg/Kg	1	5/20/2022 6:29:00 PM	67570
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 6:29:00 PM	67570
Xylenes, Total	ND	0.098		mg/Kg	1	5/20/2022 6:29:00 PM	67570
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	5/20/2022 6:29:00 PM	67570

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS07 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 8:50:00 AM
Lab ID: 2205872-003 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	200	61		mg/Kg	20	5/24/2022 1:22:11 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	1100	190		mg/Kg	20	5/24/2022 2:46:35 PM	67574
Motor Oil Range Organics (MRO)	1900	970		mg/Kg	20	5/24/2022 2:46:35 PM	67574
Surr: DNOP	0	51.1-141	S	%Rec	20	5/24/2022 2:46:35 PM	67574
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/20/2022 6:49:00 PM	67570
Surr: BFB	93.5	37.7-212		%Rec	1	5/20/2022 6:49:00 PM	67570
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	5/20/2022 6:49:00 PM	67570
Toluene	ND	0.050		mg/Kg	1	5/20/2022 6:49:00 PM	67570
Ethylbenzene	ND	0.050		mg/Kg	1	5/20/2022 6:49:00 PM	67570
Xylenes, Total	ND	0.10		mg/Kg	1	5/20/2022 6:49:00 PM	67570
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	5/20/2022 6:49:00 PM	67570

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS08 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 8:55:00 AM
Lab ID: 2205872-004 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	540	59		mg/Kg	20	5/24/2022 4:27:13 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	980	99		mg/Kg	10	5/24/2022 7:57:17 PM	67574
Motor Oil Range Organics (MRO)	2100	500		mg/Kg	10	5/24/2022 7:57:17 PM	67574
Surr: DNOP	0	51.1-141	S	%Rec	10	5/24/2022 7:57:17 PM	67574
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	5/20/2022 7:09:00 PM	67570
Surr: BFB	89.2	37.7-212		%Rec	5	5/20/2022 7:09:00 PM	67570
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.12		mg/Kg	5	5/20/2022 7:09:00 PM	67570
Toluene	ND	0.24		mg/Kg	5	5/20/2022 7:09:00 PM	67570
Ethylbenzene	ND	0.24		mg/Kg	5	5/20/2022 7:09:00 PM	67570
Xylenes, Total	ND	0.48		mg/Kg	5	5/20/2022 7:09:00 PM	67570
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	5	5/20/2022 7:09:00 PM	67570

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS09 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:00:00 AM
Lab ID: 2205872-005 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	450	61		mg/Kg	20	5/24/2022 4:39:38 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	13	9.7		mg/Kg	1	5/24/2022 10:51:31 PM	67574
Motor Oil Range Organics (MRO)	79	49		mg/Kg	1	5/24/2022 10:51:31 PM	67574
Surr: DNOP	104	51.1-141		%Rec	1	5/24/2022 10:51:31 PM	67574
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/20/2022 7:29:00 PM	67570
Surr: BFB	89.1	37.7-212		%Rec	1	5/20/2022 7:29:00 PM	67570
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.025		mg/Kg	1	5/20/2022 7:29:00 PM	67570
Toluene	ND	0.050		mg/Kg	1	5/20/2022 7:29:00 PM	67570
Ethylbenzene	ND	0.050		mg/Kg	1	5/20/2022 7:29:00 PM	67570
Xylenes, Total	ND	0.10		mg/Kg	1	5/20/2022 7:29:00 PM	67570
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	5/20/2022 7:29:00 PM	67570

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS10 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:05:00 AM
Lab ID: 2205872-006 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	520	60		mg/Kg	20	5/24/2022 5:16:51 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	190	20		mg/Kg	2	5/24/2022 3:00:17 PM	67574
Motor Oil Range Organics (MRO)	350	99		mg/Kg	2	5/24/2022 3:00:17 PM	67574
Surr: DNOP	105	51.1-141		%Rec	2	5/24/2022 3:00:17 PM	67574
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 7:48:00 PM	67570
Surr: BFB	87.0	37.7-212		%Rec	1	5/20/2022 7:48:00 PM	67570
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.025		mg/Kg	1	5/20/2022 7:48:00 PM	67570
Toluene	ND	0.049		mg/Kg	1	5/20/2022 7:48:00 PM	67570
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 7:48:00 PM	67570
Xylenes, Total	ND	0.099		mg/Kg	1	5/20/2022 7:48:00 PM	67570
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	5/20/2022 7:48:00 PM	67570

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS11 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:10:00 AM
Lab ID: 2205872-007 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	95	60		mg/Kg	20	5/24/2022 5:29:15 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	95	9.5		mg/Kg	1	5/24/2022 11:18:15 PM	67575
Motor Oil Range Organics (MRO)	230	47		mg/Kg	1	5/24/2022 11:18:15 PM	67575
Surr: DNOP	110	51.1-141		%Rec	1	5/24/2022 11:18:15 PM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 12:36:09 PM	67572
Surr: BFB	95.0	37.7-212		%Rec	1	5/20/2022 12:36:09 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	5/20/2022 12:36:09 PM	67572
Toluene	ND	0.049		mg/Kg	1	5/20/2022 12:36:09 PM	67572
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 12:36:09 PM	67572
Xylenes, Total	ND	0.098		mg/Kg	1	5/20/2022 12:36:09 PM	67572
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/20/2022 12:36:09 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS12 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:15:00 AM
Lab ID: 2205872-008 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	900	60		mg/Kg	20	5/24/2022 5:41:40 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	49	9.5		mg/Kg	1	5/26/2022 11:41:12 AM	67575
Motor Oil Range Organics (MRO)	110	47		mg/Kg	1	5/26/2022 11:41:12 AM	67575
Surr: DNOP	91.8	51.1-141		%Rec	1	5/26/2022 11:41:12 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 1:46:46 PM	67572
Surr: BFB	95.6	37.7-212		%Rec	1	5/20/2022 1:46:46 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	5/20/2022 1:46:46 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 1:46:46 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 1:46:46 PM	67572
Xylenes, Total	ND	0.096		mg/Kg	1	5/20/2022 1:46:46 PM	67572
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	5/20/2022 1:46:46 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS13 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:20:00 AM
Lab ID: 2205872-009 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	310	60		mg/Kg	20	5/24/2022 5:54:05 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	34	9.7		mg/Kg	1	5/26/2022 12:05:22 PM	67575
Motor Oil Range Organics (MRO)	89	48		mg/Kg	1	5/26/2022 12:05:22 PM	67575
Surr: DNOP	101	51.1-141		%Rec	1	5/26/2022 12:05:22 PM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 3:45:03 PM	67572
Surr: BFB	97.8	37.7-212		%Rec	1	5/20/2022 3:45:03 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 3:45:03 PM	67572
Toluene	ND	0.049		mg/Kg	1	5/20/2022 3:45:03 PM	67572
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 3:45:03 PM	67572
Xylenes, Total	ND	0.098		mg/Kg	1	5/20/2022 3:45:03 PM	67572
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/20/2022 3:45:03 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS14 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:25:00 AM
Lab ID: 2205872-010 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	2400	150		mg/Kg	50	5/25/2022 10:45:19 AM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/21/2022 2:49:30 AM	67575
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/21/2022 2:49:30 AM	67575
Surr: DNOP	108	51.1-141		%Rec	1	5/21/2022 2:49:30 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/20/2022 4:08:48 PM	67572
Surr: BFB	101	37.7-212		%Rec	1	5/20/2022 4:08:48 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/20/2022 4:08:48 PM	67572
Toluene	ND	0.047		mg/Kg	1	5/20/2022 4:08:48 PM	67572
Ethylbenzene	ND	0.047		mg/Kg	1	5/20/2022 4:08:48 PM	67572
Xylenes, Total	ND	0.094		mg/Kg	1	5/20/2022 4:08:48 PM	67572
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/20/2022 4:08:48 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS15 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:30:00 AM
Lab ID: 2205872-011 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	3200	150		mg/Kg	50	5/25/2022 10:57:43 AM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/21/2022 3:00:29 AM	67575
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/21/2022 3:00:29 AM	67575
Surr: DNOP	91.3	51.1-141		%Rec	1	5/21/2022 3:00:29 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 4:32:29 PM	67572
Surr: BFB	121	37.7-212		%Rec	1	5/20/2022 4:32:29 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 4:32:29 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 4:32:29 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 4:32:29 PM	67572
Xylenes, Total	ND	0.095		mg/Kg	1	5/20/2022 4:32:29 PM	67572
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	1	5/20/2022 4:32:29 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS16 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:35:00 AM
Lab ID: 2205872-012 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2200	60		mg/Kg	20	5/24/2022 6:31:18 PM	67654
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/21/2022 3:11:29 AM	67575
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/21/2022 3:11:29 AM	67575
Surr: DNOP	103	51.1-141		%Rec	1	5/21/2022 3:11:29 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 4:56:11 PM	67572
Surr: BFB	163	37.7-212		%Rec	1	5/20/2022 4:56:11 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 4:56:11 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 4:56:11 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 4:56:11 PM	67572
Xylenes, Total	ND	0.096		mg/Kg	1	5/20/2022 4:56:11 PM	67572
Surr: 4-Bromofluorobenzene	159	70-130	S	%Rec	1	5/20/2022 4:56:11 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS17 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:40:00 AM
Lab ID: 2205872-013 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2400	60		mg/Kg	20	5/24/2022 1:59:14 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/21/2022 3:22:30 AM	67575
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/21/2022 3:22:30 AM	67575
Surr: DNOP	81.7	51.1-141		%Rec	1	5/21/2022 3:22:30 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/20/2022 5:19:48 PM	67572
Surr: BFB	101	37.7-212		%Rec	1	5/20/2022 5:19:48 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 5:19:48 PM	67572
Toluene	ND	0.047		mg/Kg	1	5/20/2022 5:19:48 PM	67572
Ethylbenzene	ND	0.047		mg/Kg	1	5/20/2022 5:19:48 PM	67572
Xylenes, Total	ND	0.095		mg/Kg	1	5/20/2022 5:19:48 PM	67572
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	5/20/2022 5:19:48 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS18 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:45:00 AM
Lab ID: 2205872-014 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1900	60		mg/Kg	20	5/24/2022 2:11:36 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/21/2022 3:33:30 AM	67575
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/21/2022 3:33:30 AM	67575
Surr: DNOP	108	51.1-141		%Rec	1	5/21/2022 3:33:30 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 5:43:25 PM	67572
Surr: BFB	102	37.7-212		%Rec	1	5/20/2022 5:43:25 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/20/2022 5:43:25 PM	67572
Toluene	ND	0.049		mg/Kg	1	5/20/2022 5:43:25 PM	67572
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 5:43:25 PM	67572
Xylenes, Total	ND	0.099		mg/Kg	1	5/20/2022 5:43:25 PM	67572
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/20/2022 5:43:25 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS19 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:50:00 AM
Lab ID: 2205872-015 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1900	60		mg/Kg	20	5/24/2022 2:23:58 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/21/2022 3:44:31 AM	67575
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/21/2022 3:44:31 AM	67575
Surr: DNOP	97.1	51.1-141		%Rec	1	5/21/2022 3:44:31 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 6:07:10 PM	67572
Surr: BFB	102	37.7-212		%Rec	1	5/20/2022 6:07:10 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/20/2022 6:07:10 PM	67572
Toluene	ND	0.049		mg/Kg	1	5/20/2022 6:07:10 PM	67572
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 6:07:10 PM	67572
Xylenes, Total	ND	0.098		mg/Kg	1	5/20/2022 6:07:10 PM	67572
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/20/2022 6:07:10 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS20 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 9:55:00 AM
Lab ID: 2205872-016 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2000	60		mg/Kg	20	5/24/2022 2:36:19 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/21/2022 3:55:31 AM	67575
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/21/2022 3:55:31 AM	67575
Surr: DNOP	78.3	51.1-141		%Rec	1	5/21/2022 3:55:31 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/20/2022 6:30:46 PM	67572
Surr: BFB	97.2	37.7-212		%Rec	1	5/20/2022 6:30:46 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/20/2022 6:30:46 PM	67572
Toluene	ND	0.046		mg/Kg	1	5/20/2022 6:30:46 PM	67572
Ethylbenzene	ND	0.046		mg/Kg	1	5/20/2022 6:30:46 PM	67572
Xylenes, Total	ND	0.092		mg/Kg	1	5/20/2022 6:30:46 PM	67572
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	5/20/2022 6:30:46 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW07 0'-4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:10:00 AM
Lab ID: 2205872-017 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	390	60		mg/Kg	20	5/24/2022 2:48:39 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/25/2022 12:38:18 AM	67575
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/25/2022 12:38:18 AM	67575
Surr: DNOP	99.4	51.1-141		%Rec	1	5/25/2022 12:38:18 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 6:54:21 PM	67572
Surr: BFB	99.5	37.7-212		%Rec	1	5/20/2022 6:54:21 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 6:54:21 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 6:54:21 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 6:54:21 PM	67572
Xylenes, Total	ND	0.097		mg/Kg	1	5/20/2022 6:54:21 PM	67572
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	5/20/2022 6:54:21 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS21 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:15:00 AM
Lab ID: 2205872-018 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	390	61		mg/Kg	20	5/24/2022 3:25:40 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	10	9.6		mg/Kg	1	5/26/2022 12:29:44 PM	67575
Motor Oil Range Organics (MRO)	60	48		mg/Kg	1	5/26/2022 12:29:44 PM	67575
Surr: DNOP	84.6	51.1-141		%Rec	1	5/26/2022 12:29:44 PM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 7:17:54 PM	67572
Surr: BFB	97.8	37.7-212		%Rec	1	5/20/2022 7:17:54 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 7:17:54 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 7:17:54 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 7:17:54 PM	67572
Xylenes, Total	ND	0.097		mg/Kg	1	5/20/2022 7:17:54 PM	67572
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/20/2022 7:17:54 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS22 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:20:00 AM
Lab ID: 2205872-019 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	390	60		mg/Kg	20	5/24/2022 3:38:01 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	14	9.9		mg/Kg	1	5/25/2022 1:18:19 AM	67575
Motor Oil Range Organics (MRO)	67	50		mg/Kg	1	5/25/2022 1:18:19 AM	67575
Surr: DNOP	103	51.1-141		%Rec	1	5/25/2022 1:18:19 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 8:28:26 PM	67572
Surr: BFB	94.9	37.7-212		%Rec	1	5/20/2022 8:28:26 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 8:28:26 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 8:28:26 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 8:28:26 PM	67572
Xylenes, Total	ND	0.097		mg/Kg	1	5/20/2022 8:28:26 PM	67572
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	5/20/2022 8:28:26 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS23 3'-4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:25:00 AM
Lab ID: 2205872-020 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	91	60		mg/Kg	20	5/24/2022 3:50:22 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	73	48		mg/Kg	5	5/25/2022 1:45:07 AM	67575
Motor Oil Range Organics (MRO)	490	240		mg/Kg	5	5/25/2022 1:45:07 AM	67575
Surr: DNOP	125	51.1-141		%Rec	5	5/25/2022 1:45:07 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/20/2022 8:51:53 PM	67572
Surr: BFB	96.9	37.7-212		%Rec	1	5/20/2022 8:51:53 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/20/2022 8:51:53 PM	67572
Toluene	ND	0.047		mg/Kg	1	5/20/2022 8:51:53 PM	67572
Ethylbenzene	ND	0.047		mg/Kg	1	5/20/2022 8:51:53 PM	67572
Xylenes, Total	ND	0.093		mg/Kg	1	5/20/2022 8:51:53 PM	67572
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	5/20/2022 8:51:53 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS24 3'-4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:30:00 AM
Lab ID: 2205872-021 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	330	60		mg/Kg	20	5/24/2022 4:02:43 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	140	19		mg/Kg	2	5/26/2022 11:53:22 AM	67575
Motor Oil Range Organics (MRO)	310	95		mg/Kg	2	5/26/2022 11:53:22 AM	67575
Surr: DNOP	90.7	51.1-141		%Rec	2	5/26/2022 11:53:22 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2022 9:15:15 PM	67572
Surr: BFB	97.1	37.7-212		%Rec	1	5/20/2022 9:15:15 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/20/2022 9:15:15 PM	67572
Toluene	ND	0.049		mg/Kg	1	5/20/2022 9:15:15 PM	67572
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2022 9:15:15 PM	67572
Xylenes, Total	ND	0.098		mg/Kg	1	5/20/2022 9:15:15 PM	67572
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/20/2022 9:15:15 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS25 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:35:00 AM
Lab ID: 2205872-022 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	330	60		mg/Kg	20	5/24/2022 4:15:03 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/25/2022 2:38:26 AM	67575
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/25/2022 2:38:26 AM	67575
Surr: DNOP	101	51.1-141		%Rec	1	5/25/2022 2:38:26 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 9:38:38 PM	67572
Surr: BFB	103	37.7-212		%Rec	1	5/20/2022 9:38:38 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 9:38:38 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 9:38:38 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 9:38:38 PM	67572
Xylenes, Total	ND	0.097		mg/Kg	1	5/20/2022 9:38:38 PM	67572
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/20/2022 9:38:38 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS26 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:40:00 AM
Lab ID: 2205872-023 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	320	60		mg/Kg	20	5/24/2022 4:27:25 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	20	9.3		mg/Kg	1	5/25/2022 3:05:10 AM	67575
Motor Oil Range Organics (MRO)	110	47		mg/Kg	1	5/25/2022 3:05:10 AM	67575
Surr: DNOP	104	51.1-141		%Rec	1	5/25/2022 3:05:10 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 10:02:05 PM	67572
Surr: BFB	100	37.7-212		%Rec	1	5/20/2022 10:02:05 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 10:02:05 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 10:02:05 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 10:02:05 PM	67572
Xylenes, Total	ND	0.095		mg/Kg	1	5/20/2022 10:02:05 PM	67572
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/20/2022 10:02:05 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS27 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:45:00 AM
Lab ID: 2205872-024 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	110	60		mg/Kg	20	5/24/2022 4:39:46 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	55	47		mg/Kg	5	5/26/2022 5:10:19 AM	67575
Motor Oil Range Organics (MRO)	320	240		mg/Kg	5	5/26/2022 5:10:19 AM	67575
Surr: DNOP	102	51.1-141		%Rec	5	5/26/2022 5:10:19 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 10:25:47 PM	67572
Surr: BFB	96.0	37.7-212		%Rec	1	5/20/2022 10:25:47 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 10:25:47 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 10:25:47 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 10:25:47 PM	67572
Xylenes, Total	ND	0.097		mg/Kg	1	5/20/2022 10:25:47 PM	67572
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	5/20/2022 10:25:47 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS28 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:50:00 AM
Lab ID: 2205872-025 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	84	60		mg/Kg	20	5/24/2022 4:52:06 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/25/2022 3:58:40 AM	67575
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/25/2022 3:58:40 AM	67575
Surr: DNOP	105	51.1-141		%Rec	1	5/25/2022 3:58:40 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/20/2022 10:49:07 PM	67572
Surr: BFB	99.9	37.7-212		%Rec	1	5/20/2022 10:49:07 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/20/2022 10:49:07 PM	67572
Toluene	ND	0.048		mg/Kg	1	5/20/2022 10:49:07 PM	67572
Ethylbenzene	ND	0.048		mg/Kg	1	5/20/2022 10:49:07 PM	67572
Xylenes, Total	ND	0.096		mg/Kg	1	5/20/2022 10:49:07 PM	67572
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	5/20/2022 10:49:07 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS29 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 10:55:00 AM
Lab ID: 2205872-026 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 5:04:27 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	5/21/2022 4:06:34 AM	67575
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/21/2022 4:06:34 AM	67575
Surr: DNOP	96.5	51.1-141		%Rec	1	5/21/2022 4:06:34 AM	67575
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/20/2022 11:12:28 PM	67572
Surr: BFB	103	37.7-212		%Rec	1	5/20/2022 11:12:28 PM	67572
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/20/2022 11:12:28 PM	67572
Toluene	ND	0.047		mg/Kg	1	5/20/2022 11:12:28 PM	67572
Ethylbenzene	ND	0.047		mg/Kg	1	5/20/2022 11:12:28 PM	67572
Xylenes, Total	ND	0.094		mg/Kg	1	5/20/2022 11:12:28 PM	67572
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	5/20/2022 11:12:28 PM	67572

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS30 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:00:00 AM
Lab ID: 2205872-027 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 5:16:47 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	110	9.7		mg/Kg	1	5/24/2022 3:48:07 AM	67592
Motor Oil Range Organics (MRO)	120	49		mg/Kg	1	5/24/2022 3:48:07 AM	67592
Surr: DNOP	107	51.1-141		%Rec	1	5/24/2022 3:48:07 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/21/2022 12:22:48 AM	67576
Surr: BFB	101	37.7-212		%Rec	1	5/21/2022 12:22:48 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 12:22:48 AM	67576
Toluene	ND	0.048		mg/Kg	1	5/21/2022 12:22:48 AM	67576
Ethylbenzene	ND	0.048		mg/Kg	1	5/21/2022 12:22:48 AM	67576
Xylenes, Total	ND	0.096		mg/Kg	1	5/21/2022 12:22:48 AM	67576
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/21/2022 12:22:48 AM	67576

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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 **2205872**
Date Reported: **6/2/2022**

CLIENT: EOG
Project: Leonard Federal Battery
Lab ID: 2205872-028 **Matrix:** SOIL

Client Sample ID: FS31 3'
Collection Date: 5/17/2022 11:05:00 AM
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 6:18:32 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	28	9.8		mg/Kg	1	5/24/2022 5:24:36 AM	67592
Motor Oil Range Organics (MRO)	67	49		mg/Kg	1	5/24/2022 5:24:36 AM	67592
Surr: DNOP	105	51.1-141		%Rec	1	5/24/2022 5:24:36 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/21/2022 1:33:30 AM	67576
Surr: BFB	94.7	37.7-212		%Rec	1	5/21/2022 1:33:30 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/21/2022 1:33:30 AM	67576
Toluene	ND	0.050		mg/Kg	1	5/21/2022 1:33:30 AM	67576
Ethylbenzene	ND	0.050		mg/Kg	1	5/21/2022 1:33:30 AM	67576
Xylenes, Total	ND	0.099		mg/Kg	1	5/21/2022 1:33:30 AM	67576
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/21/2022 1:33:30 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS32 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:10:00 AM
Lab ID: 2205872-029 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 6:30:54 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/24/2022 5:48:45 AM	67592
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/24/2022 5:48:45 AM	67592
Surr: DNOP	94.2	51.1-141		%Rec	1	5/24/2022 5:48:45 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/21/2022 3:54:37 AM	67576
Surr: BFB	98.0	37.7-212		%Rec	1	5/21/2022 3:54:37 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/21/2022 3:54:37 AM	67576
Toluene	ND	0.050		mg/Kg	1	5/21/2022 3:54:37 AM	67576
Ethylbenzene	ND	0.050		mg/Kg	1	5/21/2022 3:54:37 AM	67576
Xylenes, Total	ND	0.099		mg/Kg	1	5/21/2022 3:54:37 AM	67576
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	5/21/2022 3:54:37 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS33 3'-4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:15:00 AM
Lab ID: 2205872-030 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 6:43:14 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	24	9.8		mg/Kg	1	5/24/2022 6:12:39 AM	67592
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/24/2022 6:12:39 AM	67592
Surr: DNOP	107	51.1-141		%Rec	1	5/24/2022 6:12:39 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/21/2022 4:18:15 AM	67576
Surr: BFB	95.6	37.7-212		%Rec	1	5/21/2022 4:18:15 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/21/2022 4:18:15 AM	67576
Toluene	ND	0.050		mg/Kg	1	5/21/2022 4:18:15 AM	67576
Ethylbenzene	ND	0.050		mg/Kg	1	5/21/2022 4:18:15 AM	67576
Xylenes, Total	ND	0.099		mg/Kg	1	5/21/2022 4:18:15 AM	67576
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	5/21/2022 4:18:15 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS34 3'-4
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:20:00 AM
Lab ID: 2205872-031 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 6:55:36 PM	67655
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	9.9	9.4		mg/Kg	1	5/25/2022 4:25:10 AM	67592
Motor Oil Range Organics (MRO)	59	47		mg/Kg	1	5/25/2022 4:25:10 AM	67592
Surr: DNOP	111	51.1-141		%Rec	1	5/25/2022 4:25:10 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/21/2022 4:41:50 AM	67576
Surr: BFB	96.1	37.7-212		%Rec	1	5/21/2022 4:41:50 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/21/2022 4:41:50 AM	67576
Toluene	ND	0.047		mg/Kg	1	5/21/2022 4:41:50 AM	67576
Ethylbenzene	ND	0.047		mg/Kg	1	5/21/2022 4:41:50 AM	67576
Xylenes, Total	ND	0.094		mg/Kg	1	5/21/2022 4:41:50 AM	67576
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	5/21/2022 4:41:50 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS35 3'-4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:25:00 AM
Lab ID: 2205872-032 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 7:08:33 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	11	10		mg/Kg	1	5/24/2022 7:00:32 AM	67592
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/24/2022 7:00:32 AM	67592
Surr: DNOP	107	51.1-141		%Rec	1	5/24/2022 7:00:32 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/21/2022 5:05:26 AM	67576
Surr: BFB	92.8	37.7-212		%Rec	1	5/21/2022 5:05:26 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 5:05:26 AM	67576
Toluene	ND	0.048		mg/Kg	1	5/21/2022 5:05:26 AM	67576
Ethylbenzene	ND	0.048		mg/Kg	1	5/21/2022 5:05:26 AM	67576
Xylenes, Total	ND	0.096		mg/Kg	1	5/21/2022 5:05:26 AM	67576
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	5/21/2022 5:05:26 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS36 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:30:00 AM
Lab ID: 2205872-033 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	59		mg/Kg	20	5/24/2022 7:45:47 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	32	9.6		mg/Kg	1	5/24/2022 7:24:28 AM	67592
Motor Oil Range Organics (MRO)	71	48		mg/Kg	1	5/24/2022 7:24:28 AM	67592
Surr: DNOP	118	51.1-141		%Rec	1	5/24/2022 7:24:28 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/21/2022 5:29:04 AM	67576
Surr: BFB	101	37.7-212		%Rec	1	5/21/2022 5:29:04 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 5:29:04 AM	67576
Toluene	ND	0.048		mg/Kg	1	5/21/2022 5:29:04 AM	67576
Ethylbenzene	ND	0.048		mg/Kg	1	5/21/2022 5:29:04 AM	67576
Xylenes, Total	ND	0.097		mg/Kg	1	5/21/2022 5:29:04 AM	67576
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/21/2022 5:29:04 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS37 3'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:35:00 AM
Lab ID: 2205872-034 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 7:58:11 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	140	9.8		mg/Kg	1	5/24/2022 7:48:26 AM	67592
Motor Oil Range Organics (MRO)	250	49		mg/Kg	1	5/24/2022 7:48:26 AM	67592
Surr: DNOP	111	51.1-141		%Rec	1	5/24/2022 7:48:26 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/21/2022 5:52:42 AM	67576
Surr: BFB	93.5	37.7-212		%Rec	1	5/21/2022 5:52:42 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 5:52:42 AM	67576
Toluene	ND	0.047		mg/Kg	1	5/21/2022 5:52:42 AM	67576
Ethylbenzene	ND	0.047		mg/Kg	1	5/21/2022 5:52:42 AM	67576
Xylenes, Total	ND	0.095		mg/Kg	1	5/21/2022 5:52:42 AM	67576
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	5/21/2022 5:52:42 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS38 3'-4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:40:00 AM
Lab ID: 2205872-035 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 8:10:36 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	39	9.2		mg/Kg	1	5/25/2022 4:51:38 AM	67592
Motor Oil Range Organics (MRO)	200	46		mg/Kg	1	5/25/2022 4:51:38 AM	67592
Surr: DNOP	116	51.1-141		%Rec	1	5/25/2022 4:51:38 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2022 6:16:18 AM	67576
Surr: BFB	92.8	37.7-212		%Rec	1	5/21/2022 6:16:18 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 6:16:18 AM	67576
Toluene	ND	0.049		mg/Kg	1	5/21/2022 6:16:18 AM	67576
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2022 6:16:18 AM	67576
Xylenes, Total	ND	0.098		mg/Kg	1	5/21/2022 6:16:18 AM	67576
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	5/21/2022 6:16:18 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS39 3'-4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:45:00 AM
Lab ID: 2205872-036 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	92	60		mg/Kg	20	5/24/2022 8:23:01 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	28	9.9		mg/Kg	1	5/26/2022 5:53:00 AM	67592
Motor Oil Range Organics (MRO)	120	50		mg/Kg	1	5/26/2022 5:53:00 AM	67592
Surr: DNOP	108	51.1-141		%Rec	1	5/26/2022 5:53:00 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/21/2022 6:39:55 AM	67576
Surr: BFB	96.1	37.7-212		%Rec	1	5/21/2022 6:39:55 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 6:39:55 AM	67576
Toluene	ND	0.048		mg/Kg	1	5/21/2022 6:39:55 AM	67576
Ethylbenzene	ND	0.048		mg/Kg	1	5/21/2022 6:39:55 AM	67576
Xylenes, Total	ND	0.097		mg/Kg	1	5/21/2022 6:39:55 AM	67576
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/21/2022 6:39:55 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS40 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:50:00 AM
Lab ID: 2205872-037 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 9:00:15 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	200	9.5		mg/Kg	1	5/25/2022 5:44:39 AM	67592
Motor Oil Range Organics (MRO)	700	47		mg/Kg	1	5/25/2022 5:44:39 AM	67592
Surr: DNOP	112	51.1-141		%Rec	1	5/25/2022 5:44:39 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/21/2022 7:03:28 AM	67576
Surr: BFB	93.6	37.7-212		%Rec	1	5/21/2022 7:03:28 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 7:03:28 AM	67576
Toluene	ND	0.047		mg/Kg	1	5/21/2022 7:03:28 AM	67576
Ethylbenzene	ND	0.047		mg/Kg	1	5/21/2022 7:03:28 AM	67576
Xylenes, Total	ND	0.094		mg/Kg	1	5/21/2022 7:03:28 AM	67576
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/21/2022 7:03:28 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS41 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 11:55:00 AM
Lab ID: 2205872-038 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	66	59		mg/Kg	20	5/24/2022 9:12:40 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	48	9.9		mg/Kg	1	5/26/2022 6:33:51 AM	67592
Motor Oil Range Organics (MRO)	140	50		mg/Kg	1	5/26/2022 6:33:51 AM	67592
Surr: DNOP	104	51.1-141		%Rec	1	5/26/2022 6:33:51 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/21/2022 7:26:58 AM	67576
Surr: BFB	95.9	37.7-212		%Rec	1	5/21/2022 7:26:58 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/21/2022 7:26:58 AM	67576
Toluene	ND	0.050		mg/Kg	1	5/21/2022 7:26:58 AM	67576
Ethylbenzene	ND	0.050		mg/Kg	1	5/21/2022 7:26:58 AM	67576
Xylenes, Total	ND	0.099		mg/Kg	1	5/21/2022 7:26:58 AM	67576
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/21/2022 7:26:58 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS42 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:00:00 PM
Lab ID: 2205872-039 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 9:25:04 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	67	8.8		mg/Kg	1	5/26/2022 7:15:09 AM	67592
Motor Oil Range Organics (MRO)	180	44		mg/Kg	1	5/26/2022 7:15:09 AM	67592
Surr: DNOP	106	51.1-141		%Rec	1	5/26/2022 7:15:09 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/21/2022 8:37:08 AM	67576
Surr: BFB	91.8	37.7-212		%Rec	1	5/21/2022 8:37:08 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/21/2022 8:37:08 AM	67576
Toluene	ND	0.047		mg/Kg	1	5/21/2022 8:37:08 AM	67576
Ethylbenzene	ND	0.047		mg/Kg	1	5/21/2022 8:37:08 AM	67576
Xylenes, Total	ND	0.094		mg/Kg	1	5/21/2022 8:37:08 AM	67576
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	5/21/2022 8:37:08 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS43 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:05:00 PM
Lab ID: 2205872-040 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	ND	60		mg/Kg	20	5/24/2022 9:37:30 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	74	9.4		mg/Kg	1	5/25/2022 7:03:37 AM	67592
Motor Oil Range Organics (MRO)	340	47		mg/Kg	1	5/25/2022 7:03:37 AM	67592
Surr: DNOP	110	51.1-141		%Rec	1	5/25/2022 7:03:37 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2022 9:00:41 AM	67576
Surr: BFB	93.6	37.7-212		%Rec	1	5/21/2022 9:00:41 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	5/21/2022 9:00:41 AM	67576
Toluene	ND	0.049		mg/Kg	1	5/21/2022 9:00:41 AM	67576
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2022 9:00:41 AM	67576
Xylenes, Total	ND	0.097		mg/Kg	1	5/21/2022 9:00:41 AM	67576
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	5/21/2022 9:00:41 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS44 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:10:00 PM
Lab ID: 2205872-041 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 10:14:43 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	77	9.5		mg/Kg	1	5/25/2022 7:42:59 AM	67592
Motor Oil Range Organics (MRO)	410	47		mg/Kg	1	5/25/2022 7:42:59 AM	67592
Surr: DNOP	112	51.1-141		%Rec	1	5/25/2022 7:42:59 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/21/2022 9:24:09 AM	67576
Surr: BFB	94.7	37.7-212		%Rec	1	5/21/2022 9:24:09 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 9:24:09 AM	67576
Toluene	ND	0.048		mg/Kg	1	5/21/2022 9:24:09 AM	67576
Ethylbenzene	ND	0.048		mg/Kg	1	5/21/2022 9:24:09 AM	67576
Xylenes, Total	ND	0.096		mg/Kg	1	5/21/2022 9:24:09 AM	67576
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	5/21/2022 9:24:09 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS45 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:15:00 PM
Lab ID: 2205872-042 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 10:27:08 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	150	9.6		mg/Kg	1	5/25/2022 8:22:26 AM	67592
Motor Oil Range Organics (MRO)	500	48		mg/Kg	1	5/25/2022 8:22:26 AM	67592
Surr: DNOP	112	51.1-141		%Rec	1	5/25/2022 8:22:26 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2022 9:47:31 AM	67576
Surr: BFB	98.3	37.7-212		%Rec	1	5/21/2022 9:47:31 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 9:47:31 AM	67576
Toluene	ND	0.049		mg/Kg	1	5/21/2022 9:47:31 AM	67576
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2022 9:47:31 AM	67576
Xylenes, Total	ND	0.098		mg/Kg	1	5/21/2022 9:47:31 AM	67576
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	5/21/2022 9:47:31 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS46 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:20:00 PM
Lab ID: 2205872-043 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 10:39:33 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	70	9.3		mg/Kg	1	5/26/2022 7:56:48 AM	67592
Motor Oil Range Organics (MRO)	210	46		mg/Kg	1	5/26/2022 7:56:48 AM	67592
Surr: DNOP	112	51.1-141		%Rec	1	5/26/2022 7:56:48 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/21/2022 10:11:03 AM	67576
Surr: BFB	94.2	37.7-212		%Rec	1	5/21/2022 10:11:03 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 10:11:03 AM	67576
Toluene	ND	0.048		mg/Kg	1	5/21/2022 10:11:03 AM	67576
Ethylbenzene	ND	0.048		mg/Kg	1	5/21/2022 10:11:03 AM	67576
Xylenes, Total	ND	0.095		mg/Kg	1	5/21/2022 10:11:03 AM	67576
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/21/2022 10:11:03 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS47 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:25:00 PM
Lab ID: 2205872-044 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 10:51:58 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	26	9.1		mg/Kg	1	5/25/2022 9:42:02 AM	67592
Motor Oil Range Organics (MRO)	130	45		mg/Kg	1	5/25/2022 9:42:02 AM	67592
Surr: DNOP	113	51.1-141		%Rec	1	5/25/2022 9:42:02 AM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2022 10:34:38 AM	67576
Surr: BFB	96.4	37.7-212		%Rec	1	5/21/2022 10:34:38 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/21/2022 10:34:38 AM	67576
Toluene	ND	0.049		mg/Kg	1	5/21/2022 10:34:38 AM	67576
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2022 10:34:38 AM	67576
Xylenes, Total	ND	0.098		mg/Kg	1	5/21/2022 10:34:38 AM	67576
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/21/2022 10:34:38 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS48 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:30:00 PM
Lab ID: 2205872-045 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 11:04:22 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	25	9.7		mg/Kg	1	5/24/2022 3:27:18 PM	67592
Motor Oil Range Organics (MRO)	130	48		mg/Kg	1	5/24/2022 3:27:18 PM	67592
Surr: DNOP	99.7	51.1-141		%Rec	1	5/24/2022 3:27:18 PM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2022 10:58:09 AM	67576
Surr: BFB	95.4	37.7-212		%Rec	1	5/21/2022 10:58:09 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 10:58:09 AM	67576
Toluene	ND	0.049		mg/Kg	1	5/21/2022 10:58:09 AM	67576
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2022 10:58:09 AM	67576
Xylenes, Total	ND	0.098		mg/Kg	1	5/21/2022 10:58:09 AM	67576
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/21/2022 10:58:09 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS49 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:35:00 PM
Lab ID: 2205872-046 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/24/2022 11:16:48 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	360	97		mg/Kg	10	5/24/2022 3:54:43 PM	67592
Motor Oil Range Organics (MRO)	1100	490		mg/Kg	10	5/24/2022 3:54:43 PM	67592
Surr: DNOP	0	51.1-141	S	%Rec	10	5/24/2022 3:54:43 PM	67592
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/21/2022 11:21:49 AM	67576
Surr: BFB	96.1	37.7-212		%Rec	1	5/21/2022 11:21:49 AM	67576
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/21/2022 11:21:49 AM	67576
Toluene	ND	0.048		mg/Kg	1	5/21/2022 11:21:49 AM	67576
Ethylbenzene	ND	0.048		mg/Kg	1	5/21/2022 11:21:49 AM	67576
Xylenes, Total	ND	0.096		mg/Kg	1	5/21/2022 11:21:49 AM	67576
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/21/2022 11:21:49 AM	67576

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS50 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:40:00 PM
Lab ID: 2205872-047 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	ND	60		mg/Kg	20	5/24/2022 11:54:02 PM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	68	9.9		mg/Kg	1	5/24/2022 4:08:11 PM	67593
Motor Oil Range Organics (MRO)	210	49		mg/Kg	1	5/24/2022 4:08:11 PM	67593
Surr: DNOP	97.8	51.1-141		%Rec	1	5/24/2022 4:08:11 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/23/2022 10:19:45 AM	67591
Surr: BFB	90.6	37.7-212		%Rec	1	5/23/2022 10:19:45 AM	67591
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	5/23/2022 10:19:45 AM	67591
Toluene	ND	0.048		mg/Kg	1	5/23/2022 10:19:45 AM	67591
Ethylbenzene	ND	0.048		mg/Kg	1	5/23/2022 10:19:45 AM	67591
Xylenes, Total	ND	0.097		mg/Kg	1	5/23/2022 10:19:45 AM	67591
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	5/23/2022 10:19:45 AM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS51 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:45:00 PM
Lab ID: 2205872-048 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	ND	60		mg/Kg	20	5/25/2022 12:06:27 AM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	21	9.5		mg/Kg	1	5/25/2022 11:01:24 PM	67593
Motor Oil Range Organics (MRO)	48	47		mg/Kg	1	5/25/2022 11:01:24 PM	67593
Surr: DNOP	88.8	51.1-141		%Rec	1	5/25/2022 11:01:24 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2022 11:30:15 AM	67591
Surr: BFB	90.9	37.7-212		%Rec	1	5/23/2022 11:30:15 AM	67591
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	5/23/2022 11:30:15 AM	67591
Toluene	ND	0.049		mg/Kg	1	5/23/2022 11:30:15 AM	67591
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2022 11:30:15 AM	67591
Xylenes, Total	ND	0.098		mg/Kg	1	5/23/2022 11:30:15 AM	67591
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	5/23/2022 11:30:15 AM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS52 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:50:00 PM
Lab ID: 2205872-049 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/25/2022 12:43:41 AM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	160	48		mg/Kg	5	5/24/2022 5:02:07 PM	67593
Motor Oil Range Organics (MRO)	540	240		mg/Kg	5	5/24/2022 5:02:07 PM	67593
Surr: DNOP	115	51.1-141		%Rec	5	5/24/2022 5:02:07 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/23/2022 12:40:33 PM	67591
Surr: BFB	91.1	37.7-212		%Rec	1	5/23/2022 12:40:33 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/23/2022 12:40:33 PM	67591
Toluene	ND	0.046		mg/Kg	1	5/23/2022 12:40:33 PM	67591
Ethylbenzene	ND	0.046		mg/Kg	1	5/23/2022 12:40:33 PM	67591
Xylenes, Total	ND	0.093		mg/Kg	1	5/23/2022 12:40:33 PM	67591
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	5/23/2022 12:40:33 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS53 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 12:55:00 PM
Lab ID: 2205872-050 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/25/2022 12:56:05 AM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	39	9.5		mg/Kg	1	5/24/2022 5:15:34 PM	67593
Motor Oil Range Organics (MRO)	160	47		mg/Kg	1	5/24/2022 5:15:34 PM	67593
Surr: DNOP	97.8	51.1-141		%Rec	1	5/24/2022 5:15:34 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/23/2022 1:04:01 PM	67591
Surr: BFB	90.6	37.7-212		%Rec	1	5/23/2022 1:04:01 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/23/2022 1:04:01 PM	67591
Toluene	ND	0.047		mg/Kg	1	5/23/2022 1:04:01 PM	67591
Ethylbenzene	ND	0.047		mg/Kg	1	5/23/2022 1:04:01 PM	67591
Xylenes, Total	ND	0.095		mg/Kg	1	5/23/2022 1:04:01 PM	67591
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	5/23/2022 1:04:01 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS54 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 1:00:00 PM
Lab ID: 2205872-051 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	5/25/2022 1:08:30 AM	67658
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	34	19		mg/Kg	2	5/25/2022 3:58:46 PM	67593
Motor Oil Range Organics (MRO)	150	94		mg/Kg	2	5/25/2022 3:58:46 PM	67593
Surr: DNOP	100	51.1-141		%Rec	2	5/25/2022 3:58:46 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2022 1:27:26 PM	67591
Surr: BFB	93.5	37.7-212		%Rec	1	5/23/2022 1:27:26 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/23/2022 1:27:26 PM	67591
Toluene	ND	0.049		mg/Kg	1	5/23/2022 1:27:26 PM	67591
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2022 1:27:26 PM	67591
Xylenes, Total	ND	0.098		mg/Kg	1	5/23/2022 1:27:26 PM	67591
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	5/23/2022 1:27:26 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS55 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 1:05:00 PM
Lab ID: 2205872-052 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 7:44:58 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	58	19		mg/Kg	2	5/24/2022 5:55:55 PM	67593
Motor Oil Range Organics (MRO)	310	94		mg/Kg	2	5/24/2022 5:55:55 PM	67593
Surr: DNOP	107	51.1-141		%Rec	2	5/24/2022 5:55:55 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2022 1:50:57 PM	67591
Surr: BFB	93.7	37.7-212		%Rec	1	5/23/2022 1:50:57 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/23/2022 1:50:57 PM	67591
Toluene	ND	0.049		mg/Kg	1	5/23/2022 1:50:57 PM	67591
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2022 1:50:57 PM	67591
Xylenes, Total	ND	0.097		mg/Kg	1	5/23/2022 1:50:57 PM	67591
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	5/23/2022 1:50:57 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS56 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 1:10:00 PM
Lab ID: 2205872-053 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 8:46:41 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	67	10		mg/Kg	1	5/24/2022 6:22:59 PM	67593
Motor Oil Range Organics (MRO)	240	51		mg/Kg	1	5/24/2022 6:22:59 PM	67593
Surr: DNOP	106	51.1-141		%Rec	1	5/24/2022 6:22:59 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/23/2022 2:14:22 PM	67591
Surr: BFB	91.7	37.7-212		%Rec	1	5/23/2022 2:14:22 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/23/2022 2:14:22 PM	67591
Toluene	ND	0.047		mg/Kg	1	5/23/2022 2:14:22 PM	67591
Ethylbenzene	ND	0.047		mg/Kg	1	5/23/2022 2:14:22 PM	67591
Xylenes, Total	ND	0.093		mg/Kg	1	5/23/2022 2:14:22 PM	67591
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	5/23/2022 2:14:22 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS57 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 1:15:00 PM
Lab ID: 2205872-054 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 8:59:01 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	49	9.3		mg/Kg	1	5/26/2022 12:54:01 PM	67593
Motor Oil Range Organics (MRO)	170	47		mg/Kg	1	5/26/2022 12:54:01 PM	67593
Surr: DNOP	91.6	51.1-141		%Rec	1	5/26/2022 12:54:01 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	5/23/2022 3:24:40 PM	67591
Surr: BFB	91.4	37.7-212		%Rec	1	5/23/2022 3:24:40 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/23/2022 3:24:40 PM	67591
Toluene	ND	0.046		mg/Kg	1	5/23/2022 3:24:40 PM	67591
Ethylbenzene	ND	0.046		mg/Kg	1	5/23/2022 3:24:40 PM	67591
Xylenes, Total	ND	0.093		mg/Kg	1	5/23/2022 3:24:40 PM	67591
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	5/23/2022 3:24:40 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS58 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 1:20:00 PM
Lab ID: 2205872-055 **Matrix:** SOIL
Received Date: 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 9:11:22 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	160	49		mg/Kg	5	5/26/2022 1:18:28 PM	67593
Motor Oil Range Organics (MRO)	530	240		mg/Kg	5	5/26/2022 1:18:28 PM	67593
Surr: DNOP	90.1	51.1-141		%Rec	5	5/26/2022 1:18:28 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/23/2022 3:48:06 PM	67591
Surr: BFB	92.4	37.7-212		%Rec	1	5/23/2022 3:48:06 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/23/2022 3:48:06 PM	67591
Toluene	ND	0.048		mg/Kg	1	5/23/2022 3:48:06 PM	67591
Ethylbenzene	ND	0.048		mg/Kg	1	5/23/2022 3:48:06 PM	67591
Xylenes, Total	ND	0.096		mg/Kg	1	5/23/2022 3:48:06 PM	67591
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	5/23/2022 3:48:06 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS59 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 1:25:00 PM
Lab ID: 2205872-056 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 9:23:43 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	27	9.9		mg/Kg	1	5/24/2022 7:30:20 PM	67593
Motor Oil Range Organics (MRO)	120	50		mg/Kg	1	5/24/2022 7:30:20 PM	67593
Surr: DNOP	94.1	51.1-141		%Rec	1	5/24/2022 7:30:20 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/23/2022 4:11:41 PM	67591
Surr: BFB	92.5	37.7-212		%Rec	1	5/23/2022 4:11:41 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/23/2022 4:11:41 PM	67591
Toluene	ND	0.048		mg/Kg	1	5/23/2022 4:11:41 PM	67591
Ethylbenzene	ND	0.048		mg/Kg	1	5/23/2022 4:11:41 PM	67591
Xylenes, Total	ND	0.096		mg/Kg	1	5/23/2022 4:11:41 PM	67591
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	5/23/2022 4:11:41 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS60 4'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 1:30:00 PM
Lab ID: 2205872-057 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	5/24/2022 9:36:03 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	30	9.1		mg/Kg	1	5/24/2022 7:43:43 PM	67593
Motor Oil Range Organics (MRO)	130	46		mg/Kg	1	5/24/2022 7:43:43 PM	67593
Surr: DNOP	92.3	51.1-141		%Rec	1	5/24/2022 7:43:43 PM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/23/2022 4:35:03 PM	67591
Surr: BFB	93.0	37.7-212		%Rec	1	5/23/2022 4:35:03 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	5/23/2022 4:35:03 PM	67591
Toluene	ND	0.047		mg/Kg	1	5/23/2022 4:35:03 PM	67591
Ethylbenzene	ND	0.047		mg/Kg	1	5/23/2022 4:35:03 PM	67591
Xylenes, Total	ND	0.094		mg/Kg	1	5/23/2022 4:35:03 PM	67591
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	5/23/2022 4:35:03 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PH01 5'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 2:05:00 PM
Lab ID: 2205872-058 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1800	60		mg/Kg	20	5/24/2022 9:48:25 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	3900	95		mg/Kg	10	5/24/2022 12:41:42 AM	67593
Motor Oil Range Organics (MRO)	1800	480		mg/Kg	10	5/24/2022 12:41:42 AM	67593
Surr: DNOP	0	51.1-141	S	%Rec	10	5/24/2022 12:41:42 AM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	320	48		mg/Kg	10	5/23/2022 4:58:28 PM	67591
Surr: BFB	279	37.7-212	S	%Rec	10	5/23/2022 4:58:28 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.51	0.24		mg/Kg	10	5/23/2022 4:58:28 PM	67591
Toluene	2.1	0.48		mg/Kg	10	5/23/2022 4:58:28 PM	67591
Ethylbenzene	9.1	0.48		mg/Kg	10	5/23/2022 4:58:28 PM	67591
Xylenes, Total	5.8	0.96		mg/Kg	10	5/23/2022 4:58:28 PM	67591
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	10	5/23/2022 4:58:28 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PH01A 8'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 2:10:00 PM
Lab ID: 2205872-059 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1700	60		mg/Kg	20	5/24/2022 10:00:46 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	2600	98		mg/Kg	10	5/24/2022 12:56:06 AM	67593
Motor Oil Range Organics (MRO)	1300	490		mg/Kg	10	5/24/2022 12:56:06 AM	67593
Surr: DNOP	0	51.1-141	S	%Rec	10	5/24/2022 12:56:06 AM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	450	47		mg/Kg	10	5/23/2022 5:22:04 PM	67591
Surr: BFB	347	37.7-212	S	%Rec	10	5/23/2022 5:22:04 PM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.58	0.24		mg/Kg	10	5/23/2022 5:22:04 PM	67591
Toluene	3.6	0.47		mg/Kg	10	5/23/2022 5:22:04 PM	67591
Ethylbenzene	15	0.47		mg/Kg	10	5/23/2022 5:22:04 PM	67591
Xylenes, Total	10	0.94		mg/Kg	10	5/23/2022 5:22:04 PM	67591
Surr: 4-Bromofluorobenzene	124	70-130		%Rec	10	5/23/2022 5:22:04 PM	67591

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

Qualifiers:

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

Analytical Report
Lab Order **2205872**
Date Reported: **6/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: PH01B 11'
Project: Leonard Federal Battery
Collection Date: 5/17/2022 2:15:00 PM
Lab ID: 2205872-060 **Matrix:** SOIL **Received Date:** 5/19/2022 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1500	60		mg/Kg	20	5/24/2022 10:13:06 PM	67663
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	3200	98		mg/Kg	10	5/24/2022 1:10:17 AM	67593
Motor Oil Range Organics (MRO)	1500	490		mg/Kg	10	5/24/2022 1:10:17 AM	67593
Surr: DNOP	0	51.1-141	S	%Rec	10	5/24/2022 1:10:17 AM	67593
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	660	240		mg/Kg	50	5/23/2022 9:56:15 AM	67591
Surr: BFB	172	37.7-212		%Rec	50	5/23/2022 9:56:15 AM	67591
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	1.4	1.2		mg/Kg	50	5/23/2022 9:56:15 AM	67591
Toluene	4.3	2.4		mg/Kg	50	5/23/2022 9:56:15 AM	67591
Ethylbenzene	21	2.4		mg/Kg	50	5/23/2022 9:56:15 AM	67591
Xylenes, Total	13	4.8		mg/Kg	50	5/23/2022 9:56:15 AM	67591
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	50	5/23/2022 9:56:15 AM	67591

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67654**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **67654**	RunNo: **88240**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129210** Units: **mg/Kg**

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

Sample ID: **LCS-67654**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **67654**	RunNo: **88240**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129211** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Sample ID: **MB-67658**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **67658**	RunNo: **88240**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129240** Units: **mg/Kg**

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

Sample ID: **LCS-67658**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **67658**	RunNo: **88240**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129241** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Sample ID: **MB-67655**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **67655**	RunNo: **88242**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129302** Units: **mg/Kg**

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

Sample ID: **LCS-67655**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **67655**	RunNo: **88242**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129303** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67663**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **67663**	RunNo: **88242**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129332** Units: **mg/Kg**

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

Sample ID: **LCS-67663**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **67663**	RunNo: **88242**
Prep Date: **5/24/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129333** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **LCS-67548**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67548**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126893** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		101	51.1	141			

Sample ID: **LCS-67574**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67574**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126895** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	80.6	64.4	127			
Surr: DNOP	4.6		5.000		91.5	51.1	141			

Sample ID: **LCS-67575**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67575**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126896** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	81.7	64.4	127			
Surr: DNOP	4.2		5.000		83.0	51.1	141			

Sample ID: **MB-67548**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67548**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126897** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		112	51.1	141			

Sample ID: **MB-67574**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67574**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126899** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	51.1	141			

Sample ID: **MB-67575**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67575**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126900** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67575**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67575**	RunNo: **88170**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126900** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		86.2	51.1	141			

Sample ID: **LCS-67593**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67593**	RunNo: **88200**
Prep Date: **5/20/2022**	Analysis Date: **5/23/2022**	SeqNo: **3127566** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	10	50.00	0	118	64.4	127			
Surr: DNOP	6.6		5.000		132	51.1	141			

Sample ID: **MB-67592**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67592**	RunNo: **88200**
Prep Date: **5/20/2022**	Analysis Date: **5/23/2022**	SeqNo: **3127568** 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	51.1	141			

Sample ID: **MB-67593**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67593**	RunNo: **88200**
Prep Date: **5/20/2022**	Analysis Date: **5/23/2022**	SeqNo: **3127569** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		111	51.1	141			

Sample ID: **LCS-67592**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67592**	RunNo: **88244**
Prep Date: **5/20/2022**	Analysis Date: **5/24/2022**	SeqNo: **3129428** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	112	64.4	127			
Surr: DNOP	5.7		5.000		113	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67666**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **67666**	RunNo: **88263**
Prep Date: **5/24/2022**	Analysis Date: **5/26/2022**	SeqNo: **3131422** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		101	51.1	141			

Sample ID: **LCS-67666**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **67666**	RunNo: **88263**
Prep Date: **5/24/2022**	Analysis Date: **5/26/2022**	SeqNo: **3131423** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.4		5.000		108	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-67570**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67570**	RunNo: **88180**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3125949** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	102	72.3	137			
Surr: BFB	2000		1000		200	37.7	212			

Sample ID: **mb-67570**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67570**	RunNo: **88180**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3125950** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		91.2	37.7	212			

Sample ID: **mb-67572**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67572**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126000** 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		99.2	37.7	212			

Sample ID: **lcs-67572**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67572**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126009** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	5.0	25.00	0	120	72.3	137			
Surr: BFB	2300		1000		225	37.7	212			S

Sample ID: **MB-67576**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67576**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/21/2022**	SeqNo: **3126032** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	37.7	212			

Sample ID: **lcs-67576**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67576**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126033** Units: **mg/Kg**

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-67576**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67576**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126033** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	72.3	137			
Surr: BFB	2100		1000		214	37.7	212			S

Sample ID: **mb-67591**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **67591**	RunNo: **88206**
Prep Date: **5/20/2022**	Analysis Date: **5/23/2022**	SeqNo: **3126931** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	910		1000		90.7	37.7	212			

Sample ID: **lcs-67591**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **67591**	RunNo: **88206**
Prep Date: **5/20/2022**	Analysis Date: **5/23/2022**	SeqNo: **3126933** 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	72.3	137			
Surr: BFB	2000		1000		201	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-67570**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67570**	RunNo: **88180**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3125984** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.3	80	120			
Toluene	0.97	0.050	1.000	0	97.1	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.9	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.2	70	130			

Sample ID: **mb-67570**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67570**	RunNo: **88180**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3125985** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130			

Sample ID: **mb-67572**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67572**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126089** 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		99.9	70	130			

Sample ID: **LCS-67572**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67572**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126092** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.0	80	120			
Toluene	0.99	0.050	1.000	0	98.8	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.1	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		105	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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#: **2205872**

02-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-67576**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67576**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/21/2022**	SeqNo: **3126133** 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		103	70	130			

Sample ID: **LCS-67576**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67576**	RunNo: **88181**
Prep Date: **5/19/2022**	Analysis Date: **5/20/2022**	SeqNo: **3126134** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.4	80	120			
Toluene	0.98	0.050	1.000	0	97.8	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.1	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.6	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Sample ID: **mb-67591**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **67591**	RunNo: **88206**
Prep Date: **5/20/2022**	Analysis Date: **5/23/2022**	SeqNo: **3126980** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.1	70	130			

Sample ID: **LCS-67591**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **67591**	RunNo: **88206**
Prep Date: **5/20/2022**	Analysis Date: **5/23/2022**	SeqNo: **3126981** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.2	80	120			
Toluene	0.96	0.050	1.000	0	96.0	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.3	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.0	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2205872 | RcptNo: 1

Received By: Cheyenne Cason 5/19/2022 7:45:00 AM

Completed By: Cheyenne Cason 5/19/2022 8:02:29 AM

Reviewed By: KPR 5-19-22

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: JMS 5/19/22

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.3	Good	Not Present			

Chain-of-Custody Record

Client: Chase Settle, Amber Griffin

chase_settle@eogresources.com

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

Phone #: amber_griffin@eogresources.com

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 5 Day TAT

Project Name:
Leonard Federal Battery

Project #: 03C2000003

Project Manager:
Tacoma Morrissey

Sampler: Kase Parker
On Ice: ☒ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 3.4 - 0.1 = 3.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
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4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2205872	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	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/17/2022	8:40	S	FS05	1,2 oz.	N/A	001	X	X					X			
5/17/2022	8:45	S	FS06	1,2 oz.	N/A	002	X	X					X			
5/17/2022	8:50	S	FS07	1,2 oz.	N/A	003	X	X					X			
5/17/2022	8:55	S	FS08	1,2 oz.	N/A	004	X	X					X			
5/17/2022	9:00	S	FS09	1,2 oz.	N/A	005	X	X					X			
5/17/2022	9:05	S	FS10	1,2 oz.	N/A	006	X	X					X			
5/17/2022	9:10	S	FS11	1,2 oz.	N/A	007	X	X					X			
5/17/2022	9:15	S	FS12	1,2 oz.	N/A	008	X	X					X			
5/17/2022	9:20	S	FS13	1,2 oz.	N/A	009	X	X					X			
5/17/2022	9:25	S	FS14	1,2 oz.	N/A	010	X	X					X			
5/17/2022	9:30	S	FS15	1,2 oz.	N/A	011	X	X					X			
5/17/2022	9:35	S	FS16	1,2 oz.	N/A	012	X	X					X			

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/17/22	1730					
5/18/22	1900				5/18/22	1900

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					5/19/22	0745

Remarks:

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: Chase Settle, Amber Griffin

chase_settle@eogresources.com

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

Phone #: amber_griffin@eogresources.com

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☑ **Rush** 5 Day TAT

Project Name:

Leonard Federal Battery

Project #: 03C2000003

Project Manager:

Tacoma Morrissey

Sampler: Kase Parker

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.4 - 0.1 = 3.3

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. 2205872	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	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/17/2022	9:40	S	FS17 4'	1,2 oz.	N/A	013	X	X					X			
5/17/2022	9:45	S	FS18 4'	1,2 oz.	N/A	014	X	X					X			
5/17/2022	9:50	S	FS19 4'	1,2 oz.	N/A	015	X	X					X			
5/17/2022	9:55	S	FS20 4'	1,2 oz.	N/A	016	X	X					X			
5/17/2022	10:10	S	SW07 0-4'	1,2 oz.	N/A	017	X	X					X			
5/17/2022	10:15	S	FS21 3'	1,2 oz.	N/A	018	X	X					X			
5/17/2022	10:20	S	FS22 3'	1,2 oz.	N/A	019	X	X					X			
5/17/2022	10:25	S	FS23 3-4'	1,2 oz.	N/A	020	X	X					X			
5/17/2022	10:30	S	FS24 3-4'	1,2 oz.	N/A	021	X	X					X			
5/17/2022	10:35	S	FS25 3'	1,2 oz.	N/A	022	X	X					X			
5/17/2022	10:40	S	FS26 3'	1,2 oz.	N/A	023	X	X					X			
5/17/2022	10:45	S	FS27 3'	1,2 oz.	N/A	024	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/17/22	1735				5/17/22	1000
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/18/22	900		Chc courier		5/19/22	0745

Remarks:

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: Chase Settle, Amber Griffin

chase_settle@eogresources.com

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

Phone #: amber_griffin@eogresources.com

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☑ **Rush** 5 Day TAT

Project Name:

Leonard Federal Battery

Project #: 03C2000003

Project Manager:

Tacoma Morrissey

Sampler: Kyle Parker

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.4 -0.1 = 3.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2205872	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	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/17/2022	10:50	S	FS28 3'	1,2 oz.	N/A	025	X	X					X			
5/17/2022	10:55	S	FS29	1,2 oz.	N/A	026	X	X					X			
5/17/2022	11:00	S	FS30	1,2 oz.	N/A	027	X	X					X			
5/17/2022	11:05	S	FS31	1,2 oz.	N/A	028	X	X					X			
5/17/2022	11:10	S	FS32	1,2 oz.	N/A	029	X	X					X			
5/17/2022	11:15	S	FS33 3'-4'	1,2 oz.	N/A	030	X	X					X			
5/17/2022	11:20	S	FS34 3'-4'	1,2 oz.	N/A	031	X	X					X			
5/17/2022	11:25	S	FS35 3'-4'	1,2 oz.	N/A	032	X	X					X			
5/17/2022	11:30	S	FS36 3'	1,2 oz.	N/A	033	X	X					X			
5/17/2022	11:35	S	FS37 3'	1,2 oz.	N/A	034	X	X					X			
5/17/2022	11:40	S	FS38 3-4'	1,2 oz.	N/A	035	X	X					X			
5/17/2022	11:45	S	FS39 3-4'	1,2 oz.	N/A	036	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/17/22	1740				5/18/22	1000
5/18/22	1900		CMC Courier		Shiloh	0745

Remarks:

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: Chase Settle, Amber Griffin

chase_settle@eogresources.com

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

Phone #: amber_griffin@eogresources.com

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☑ **Rush** 5 Day TAT

Project Name:

Leonard Federal Battery

Project #: 03C2000003

Project Manager:

Tacoma Morrissey

Sampler: Kyse Parker

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.4-0.1=3.3

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. 2205872	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	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/17/2022	11:50	S	FS40 4	1,2 oz.	N/A	037	X	X					X			
5/17/2022	11:55	S	FS41	1,2 oz.	N/A	038	X	X					X			
5/17/2022	12:00	S	FS42	1,2 oz.	N/A	039	X	X					X			
5/17/2022	12:05	S	FS43	1,2 oz.	N/A	040	X	X					X			
5/17/2022	12:10	S	FS44	1,2 oz.	N/A	041	X	X					X			
5/17/2022	12:15	S	FS45	1,2 oz.	N/A	042	X	X					X			
5/17/2022	12:20	S	FS46	1,2 oz.	N/A	043	X	X					X			
5/17/2022	12:25	S	FS47	1,2 oz.	N/A	044	X	X					X			
5/17/2022	12:30	S	FS48	1,2 oz.	N/A	045	X	X					X			
5/17/2022	12:35	S	FS49	1,2 oz.	N/A	046	X	X					X			
5/17/2022	12:40	S	FS50	1,2 oz.	N/A	047	X	X					X			
5/17/2022	12:45	S	FS51	1,2 oz.	N/A	048	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
5/17/22	1741				5/18/22	1000
5/18/22	1900			CCAR	5/19/22	0745

Remarks:

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: Chase Settle, Amber Griffin

chase_settle@eogresources.com

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

Phone #: amber_griffin@eogresources.com

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☑ **Rush** 5 Day TAT

Project Name:

Leonard Federal Battery

Project #: 03C2000003

Project Manager:

Tacoma Morrissey

Sampler: Kase Parker

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.4 - 0.1 = 3.3

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. 2205872	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	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/17/2022	12:50	S	FS52	1,2 oz.	N/A	049	X	X					X			
5/17/2022	12:55	S	FS53	1,2 oz.	N/A	050	X	X					X			
5/17/2022	13:00	S	FS54	1,2 oz.	N/A	051	X	X					X			
5/17/2022	13:05	S	FS55	1,2 oz.	N/A	052	X	X					X			
5/17/2022	13:10	S	FS56	1,2 oz.	N/A	053	X	X					X			
5/17/2022	13:15	S	FS57	1,2 oz.	N/A	054	X	X					X			
5/17/2022	13:20	S	FS58	1,2 oz.	N/A	055	X	X					X			
5/17/2022	13:25	S	FS59	1,2 oz.	N/A	056	X	X					X			
5/17/2022	13:30	S	FS60	1,2 oz.	N/A	057	X	X					X			
5/17/2022	14:05	S	PH01 5'	1,2 oz.	N/A	058	X	X					X			
5/17/2022	14:10	S	PH01A 8'	1,2 oz.	N/A	059	X	X					X			
5/17/2022	14:15	S	PH01B 11'	1,2 oz.	N/A	060	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/17/22	1743				5/18/22	900
5/18/22	1900		CMC Courier		5/19/22	0745

Remarks:

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: www.hallenvironmental.com

June 21, 2022

Tacoma Morrissey
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Leonard Federal Baterry OrderNo.: 2206706

Dear Tacoma Morrissey:

Hall Environmental Analysis Laboratory received 9 sample(s) on 6/14/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

CLIENT: EOG
Client Sample ID: SW-15 0-4'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 8:35:00 AM
Lab ID: 2206706-001 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	71	61		mg/Kg	20	6/16/2022 6:55:14 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/17/2022 6:49:51 AM	68146
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2022 6:49:51 AM	68146
Surr: DNOP	84.5	51.1-141		%Rec	1	6/17/2022 6:49:51 AM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 12:19:28 AM	68104
Surr: BFB	98.7	37.7-212		%Rec	1	6/16/2022 12:19:28 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/16/2022 12:19:28 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 12:19:28 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 12:19:28 AM	68104
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2022 12:19:28 AM	68104
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	6/16/2022 12:19:28 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS07A 4.5'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 8:40:00 AM
Lab ID: 2206706-002 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	77	60		mg/Kg	20	6/16/2022 7:07:39 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	89	14		mg/Kg	1	6/17/2022 6:28:53 PM	68146
Motor Oil Range Organics (MRO)	120	48		mg/Kg	1	6/17/2022 6:28:53 PM	68146
Surr: DNOP	118	51.1-141		%Rec	1	6/17/2022 6:28:53 PM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 1:29:50 AM	68104
Surr: BFB	98.3	37.7-212		%Rec	1	6/16/2022 1:29:50 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/16/2022 1:29:50 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 1:29:50 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 1:29:50 AM	68104
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2022 1:29:50 AM	68104
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	6/16/2022 1:29:50 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS08A 4.5'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 8:45:00 AM
Lab ID: 2206706-003 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	420	61		mg/Kg	20	6/16/2022 7:20:03 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	75	15		mg/Kg	1	6/17/2022 6:04:58 PM	68146
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	6/17/2022 6:04:58 PM	68146
Surr: DNOP	112	51.1-141		%Rec	1	6/17/2022 6:04:58 PM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 1:53:11 AM	68104
Surr: BFB	97.9	37.7-212		%Rec	1	6/16/2022 1:53:11 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/16/2022 1:53:11 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 1:53:11 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 1:53:11 AM	68104
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2022 1:53:11 AM	68104
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	6/16/2022 1:53:11 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: SW16 0.4'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 9:40:00 AM
Lab ID: 2206706-004 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/16/2022 7:32:28 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	18	14		mg/Kg	1	6/17/2022 5:41:07 PM	68146
Motor Oil Range Organics (MRO)	58	48		mg/Kg	1	6/17/2022 5:41:07 PM	68146
Surr: DNOP	100	51.1-141		%Rec	1	6/17/2022 5:41:07 PM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/16/2022 2:16:36 AM	68104
Surr: BFB	95.7	37.7-212		%Rec	1	6/16/2022 2:16:36 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/16/2022 2:16:36 AM	68104
Toluene	ND	0.050		mg/Kg	1	6/16/2022 2:16:36 AM	68104
Ethylbenzene	ND	0.050		mg/Kg	1	6/16/2022 2:16:36 AM	68104
Xylenes, Total	ND	0.10		mg/Kg	1	6/16/2022 2:16:36 AM	68104
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	6/16/2022 2:16:36 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS23A 4.5'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 12:30:00 PM
Lab ID: 2206706-005 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1300	60		mg/Kg	20	6/16/2022 7:44:52 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/17/2022 7:32:45 AM	68146
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2022 7:32:45 AM	68146
Surr: DNOP	114	51.1-141		%Rec	1	6/17/2022 7:32:45 AM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 2:40:16 AM	68104
Surr: BFB	96.6	37.7-212		%Rec	1	6/16/2022 2:40:16 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/16/2022 2:40:16 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 2:40:16 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 2:40:16 AM	68104
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2022 2:40:16 AM	68104
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	6/16/2022 2:40:16 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS24A 4.5'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 12:35:00 PM
Lab ID: 2206706-006 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	610	60		mg/Kg	20	6/16/2022 7:57:17 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/17/2022 7:43:26 AM	68146
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/17/2022 7:43:26 AM	68146
Surr: DNOP	81.4	51.1-141		%Rec	1	6/17/2022 7:43:26 AM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 3:03:41 AM	68104
Surr: BFB	89.8	37.7-212		%Rec	1	6/16/2022 3:03:41 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/16/2022 3:03:41 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 3:03:41 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 3:03:41 AM	68104
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2022 3:03:41 AM	68104
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	6/16/2022 3:03:41 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS26A 4'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 2:00:00 PM
Lab ID: 2206706-007 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	640	60		mg/Kg	20	6/16/2022 8:09:42 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/17/2022 5:17:18 PM	68146
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/17/2022 5:17:18 PM	68146
Surr: DNOP	98.8	51.1-141		%Rec	1	6/17/2022 5:17:18 PM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 3:50:34 AM	68104
Surr: BFB	93.5	37.7-212		%Rec	1	6/16/2022 3:50:34 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/16/2022 3:50:34 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 3:50:34 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 3:50:34 AM	68104
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2022 3:50:34 AM	68104
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	6/16/2022 3:50:34 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS27A 4'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 2:10:00 PM
Lab ID: 2206706-008 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	620	60		mg/Kg	20	6/16/2022 8:22:07 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	59	14		mg/Kg	1	6/17/2022 4:53:30 PM	68146
Motor Oil Range Organics (MRO)	99	47		mg/Kg	1	6/17/2022 4:53:30 PM	68146
Surr: DNOP	104	51.1-141		%Rec	1	6/17/2022 4:53:30 PM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 4:14:11 AM	68104
Surr: BFB	95.4	37.7-212		%Rec	1	6/16/2022 4:14:11 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/16/2022 4:14:11 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 4:14:11 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 4:14:11 AM	68104
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2022 4:14:11 AM	68104
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	6/16/2022 4:14:11 AM	68104

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

Qualifiers:

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

Analytical Report
Lab Order **2206706**
Date Reported: **6/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS30A 4'
Project: Leonard Federal Baterry
Collection Date: 6/9/2022 2:15:00 PM
Lab ID: 2206706-009 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	130	60		mg/Kg	20	6/16/2022 8:34:31 PM	68176
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/17/2022 8:15:19 AM	68146
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/17/2022 8:15:19 AM	68146
Surr: DNOP	95.2	51.1-141		%Rec	1	6/17/2022 8:15:19 AM	68146
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2022 4:37:50 AM	68104
Surr: BFB	91.3	37.7-212		%Rec	1	6/16/2022 4:37:50 AM	68104
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.025		mg/Kg	1	6/16/2022 4:37:50 AM	68104
Toluene	ND	0.049		mg/Kg	1	6/16/2022 4:37:50 AM	68104
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2022 4:37:50 AM	68104
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2022 4:37:50 AM	68104
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	6/16/2022 4:37:50 AM	68104

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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#: **2206706**

21-Jun-22

Client: EOG

Project: Leonard Federal Baterry

Sample ID: **MB-68176**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **68176**	RunNo: **88829**
Prep Date: **6/16/2022**	Analysis Date: **6/16/2022**	SeqNo: **3153815** Units: **mg/Kg**

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

Sample ID: **LCS-68176**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **68176**	RunNo: **88829**
Prep Date: **6/16/2022**	Analysis Date: **6/16/2022**	SeqNo: **3153816** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206706**

21-Jun-22

Client: EOG

Project: Leonard Federal Baterry

Sample ID: **LCS-68146**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68146**	RunNo: **88796**
Prep Date: **6/15/2022**	Analysis Date: **6/17/2022**	SeqNo: **3154228** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	15	50.00	0	117	64.4	127			
Surr: DNOP	5.8		5.000		117	51.1	141			

Sample ID: **MB-68146**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68146**	RunNo: **88796**
Prep Date: **6/15/2022**	Analysis Date: **6/17/2022**	SeqNo: **3154229** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.7	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206706**

21-Jun-22

Client: EOG

Project: Leonard Federal Baterry

Sample ID: **lcs-68104**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **68104**	RunNo: **88769**
Prep Date: **6/14/2022**	Analysis Date: **6/15/2022**	SeqNo: **3151541** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	72.3	137			
Surr: BFB	2200		1000		217	37.7	212			S

Sample ID: **mb-68104**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **68104**	RunNo: **88769**
Prep Date: **6/14/2022**	Analysis Date: **6/15/2022**	SeqNo: **3151543** 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		98.1	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206706**

21-Jun-22

Client: EOG

Project: Leonard Federal Baterry

Sample ID: **LCS-68104** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **68104** RunNo: **88769**

Prep Date: **6/14/2022** Analysis Date: **6/15/2022** SeqNo: **3151578** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.1	80	120			
Toluene	0.88	0.050	1.000	0	88.1	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.1	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		96.0	70	130			

Sample ID: **mb-68104** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **68104** RunNo: **88769**

Prep Date: **6/14/2022** Analysis Date: **6/15/2022** SeqNo: **3151580** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		92.6	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2206706 | RcptNo: 1

Received By: Juan Rojas 6/14/2022 7:05:00 AM

Completed By: Tracy Casarrubias 6/14/2022 8:45:11 AM

Reviewed By: KPG 6.14.22

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: JR 6/14/22

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.5	Good	Yes			

Chain-of-Custody Record

Client: EOG

Chase Settle

Mailing Address: 105 S. 4th St

Artesia, NM 88210

Phone #:

email or Fax#: Chase_Settle@eogresources.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☑ Rush 5 Day

Project Name: ~~Williams Battery~~ Leonard Federal Battery

Project #: 03C2000006

Project Manager: Tacoma Morrissey

Sampler: Kase Parker

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.5-0=4.5

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. 2206760	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)
6/4/22	0835	S	SW15 0-4'	2oz jars		001	X	X					X			
	0840		FS07A 4.5'			002										
	0845		FS08A 4.5'			003										
	0940		SW16 0-4'			004										
	1230		FS23A 4.5'			005										
	1235		FS24A 4.5'			006										
	1400		FS26A 4'			007										
	1410		FS27A 4'			008										
↓	1415	↓	FS30A 4'	↓		009	↓	↓					↓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					6/13/22	1000
6/13/22	1900		courier		6/14/22	7:05

Remarks:

Amber_Griffin@eogresources.com

tmorrissey@ensolum.com

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: www.hallenvironmental.com

June 29, 2022

Tacoma Morrissey
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX

RE: Leonard Federal Battery OrderNo.: 2206713

Dear Tacoma Morrissey:

Hall Environmental Analysis Laboratory received 6 sample(s) on 6/14/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued June 27, 2022.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2206713**
Date Reported: **6/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS 36A 4'
Project: Leonard Federal Battery
Collection Date: 6/10/2022 2:05:00 PM
Lab ID: 2206713-003 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	6/17/2022 10:58:33 PM	68210
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	28	14		mg/Kg	1	6/21/2022 1:36:10 PM	68180
Motor Oil Range Organics (MRO)	74	48		mg/Kg	1	6/21/2022 1:36:10 PM	68180
Surr: DNOP	119	51.1-141		%Rec	1	6/21/2022 1:36:10 PM	68180
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2022 7:10:00 AM	68153
Surr: BFB	92.7	37.7-212		%Rec	1	6/17/2022 7:10:00 AM	68153
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/17/2022 7:10:00 AM	68153
Toluene	ND	0.048		mg/Kg	1	6/17/2022 7:10:00 AM	68153
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2022 7:10:00 AM	68153
Xylenes, Total	ND	0.096		mg/Kg	1	6/17/2022 7:10:00 AM	68153
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	6/17/2022 7:10:00 AM	68153

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

Qualifiers:

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

Analytical Report
Lab Order **2206713**
Date Reported: **6/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS 37A 4'
Project: Leonard Federal Battery
Collection Date: 6/10/2022 2:10:00 PM
Lab ID: 2206713-004 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	180	60		mg/Kg	20	6/17/2022 11:10:57 PM	68210
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	6/17/2022 2:42:32 PM	68180
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/17/2022 2:42:32 PM	68180
Surr: DNOP	109	51.1-141		%Rec	1	6/17/2022 2:42:32 PM	68180
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/17/2022 7:29:00 AM	68153
Surr: BFB	88.0	37.7-212		%Rec	1	6/17/2022 7:29:00 AM	68153
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/17/2022 7:29:00 AM	68153
Toluene	ND	0.047		mg/Kg	1	6/17/2022 7:29:00 AM	68153
Ethylbenzene	ND	0.047		mg/Kg	1	6/17/2022 7:29:00 AM	68153
Xylenes, Total	ND	0.094		mg/Kg	1	6/17/2022 7:29:00 AM	68153
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	6/17/2022 7:29:00 AM	68153

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

Qualifiers:

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

Analytical Report
Lab Order **2206713**
Date Reported: **6/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS 38A 4.5'
Project: Leonard Federal Battery
Collection Date: 6/10/2022 2:15:00 PM
Lab ID: 2206713-005 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	330	60		mg/Kg	20	6/17/2022 11:23:21 PM	68210
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	6/17/2022 2:53:21 PM	68180
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2022 2:53:21 PM	68180
Surr: DNOP	109	51.1-141		%Rec	1	6/17/2022 2:53:21 PM	68180
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2022 7:49:00 AM	68153
Surr: BFB	87.7	37.7-212		%Rec	1	6/17/2022 7:49:00 AM	68153
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.024		mg/Kg	1	6/17/2022 7:49:00 AM	68153
Toluene	ND	0.048		mg/Kg	1	6/17/2022 7:49:00 AM	68153
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2022 7:49:00 AM	68153
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2022 7:49:00 AM	68153
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	6/17/2022 7:49:00 AM	68153

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

Qualifiers:

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

Analytical Report
Lab Order **2206713**
Date Reported: **6/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: FS 39A 4.5'
Project: Leonard Federal Battery
Collection Date: 6/10/2022 2:20:00 PM
Lab ID: 2206713-006 **Matrix:** SOIL **Received Date:** 6/14/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	200	59		mg/Kg	20	6/18/2022 12:00:34 AM	68210
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**ED**
Diesel Range Organics (DRO)	76	15		mg/Kg	1	6/21/2022 1:57:32 PM	68180
Motor Oil Range Organics (MRO)	140	50		mg/Kg	1	6/21/2022 1:57:32 PM	68180
Surr: DNOP	99.9	51.1-141		%Rec	1	6/21/2022 1:57:32 PM	68180
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**BRM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2022 8:09:00 AM	68153
Surr: BFB	92.0	37.7-212		%Rec	1	6/17/2022 8:09:00 AM	68153
EPA METHOD 8021B: VOLATILES						Analyst:	**BRM**
Benzene	ND	0.024		mg/Kg	1	6/17/2022 8:09:00 AM	68153
Toluene	ND	0.049		mg/Kg	1	6/17/2022 8:09:00 AM	68153
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2022 8:09:00 AM	68153
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2022 8:09:00 AM	68153
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	6/17/2022 8:09:00 AM	68153

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical 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#: **2206713**

29-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **MB-68210** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **68210** RunNo: **88864**

Prep Date: **6/17/2022** Analysis Date: **6/17/2022** SeqNo: **3155156** Units: **mg/Kg**

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

Sample ID: **LCS-68210** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **68210** RunNo: **88864**

Prep Date: **6/17/2022** Analysis Date: **6/17/2022** SeqNo: **3155157** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.5	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206713**

29-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **LCS-68180**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68180**	RunNo: **88796**
Prep Date: **6/16/2022**	Analysis Date: **6/17/2022**	SeqNo: **3154438** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	15	50.00	0	109	64.4	127			
Surr: DNOP	4.6		5.000		92.3	51.1	141			

Sample ID: **MB-68180**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68180**	RunNo: **88796**
Prep Date: **6/16/2022**	Analysis Date: **6/17/2022**	SeqNo: **3154439** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.7		10.00		77.0	51.1	141			

Sample ID: **LCS-68211**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68211**	RunNo: **88913**
Prep Date: **6/17/2022**	Analysis Date: **6/21/2022**	SeqNo: **3158544** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.8		5.000		75.8	51.1	141			

Sample ID: **MB-68211**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68211**	RunNo: **88913**
Prep Date: **6/17/2022**	Analysis Date: **6/21/2022**	SeqNo: **3158547** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.9		10.00		99.0	51.1	141			

Sample ID: **MB-68231**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68231**	RunNo: **88925**
Prep Date: **6/20/2022**	Analysis Date: **6/21/2022**	SeqNo: **3158629** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.1		10.00		90.7	51.1	141			

Sample ID: **LCS-68231**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68231**	RunNo: **88925**
Prep Date: **6/20/2022**	Analysis Date: **6/21/2022**	SeqNo: **3158631** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.3		5.000		86.2	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2206713**

29-Jun-22

Client: EOG

Project: Leonard Federal Battery

Sample ID: **lcs-68153** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **68153** RunNo: **88813**

Prep Date: **6/15/2022** Analysis Date: **6/17/2022** SeqNo: **3153160** 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	87.5	72.3	137			
Surr: BFB	1900		1000		188	37.7	212			

Sample ID: **mb-68153** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **68153** RunNo: **88813**

Prep Date: **6/15/2022** Analysis Date: **6/17/2022** SeqNo: **3153161** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.7	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2206713**
29-Jun-22

Client: EOG
Project: Leonard Federal Battery

Sample ID: **lcs-68153**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **68153**	RunNo: **88813**
Prep Date: **6/15/2022**	Analysis Date: **6/17/2022**	SeqNo: **3153206** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.2	80	120			
Toluene	0.88	0.050	1.000	0	87.7	80	120			
Ethylbenzene	0.87	0.050	1.000	0	87.4	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.3	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.7	70	130			

Sample ID: **mb-68153**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **68153**	RunNo: **88813**
Prep Date: **6/15/2022**	Analysis Date: **6/17/2022**	SeqNo: **3153207** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		90.4	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2206713 RcptNo: 1

Received By: Juan Rojas 6/14/2022 7:05:00 AM

Completed By: Tracy Casarrubias 6/14/2022 9:28:35 AM

Reviewed By: JR 6/14/22

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: KPG 6-14-22

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.5	Good	Not Present			

Chain-of-Custody Record

Client: Chase Settle, Amber Griffin

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

Phone #:

email or Fax#: chase_settle@eogresources.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

X Standard ☐ Rush

Project Name: Leonard Federal Battery

Project #: 03C2000003

Incident #: NAPP2212458439

Project Manager:

Tacoma Morrissey

tmorrissey@ensolum.com

Sampler: Kase Parker

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(Including CF): 4.5-0 = 4.5

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

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)	Chloride (EPA 300)				
6/10/2022	14:05	S	FS36A @4'	2oz jar		2206713-001	x	x									x				
6/10/2022	14:10	S	FS37A @4'	2oz jar		-002	x	x									x				
6/10/2022	14:15	S	FS38A @ 4'	2oz jar		-003	x	x									x				
6/10/2022	14:20	S	FS39A @ 4'	2oz jar		-004	x	x									x				

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					6/14/22	0705
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Amber_Griffin@eogresources.com

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.

ENSOLUM

APPENDIX E

NMOCD Notifications

From: Amber Griffin
To: Tacoma Morrissey; Ashley Ager
Cc: Chase Settle
Subject: FW: [EXTERNAL] Leonard Federal Battery Sampling Notification
Date: Wednesday, May 4, 2022 4:47:21 PM
Attachments: image003.png

[**EXTERNAL EMAIL**]

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, May 4, 2022 3:46 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Leonard Federal Battery Sampling Notification

FYI

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Wednesday, May 4, 2022 3:42 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Leonard Federal Battery Sampling Notification

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

Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet ● Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, May 4, 2022 3:34 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Leonard Federal Battery Sampling Notification

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

Good Afternoon,

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

Leonard Federal Battery
E-34-17S-29E
Eddy County, New Mexico

Sampling will begin at 8:30 a.m. on Monday, May 9, 2022, and be continuous through Wednesday, May 11, 2022.

Thank you,

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

eog resources
Artesia Division

From: Amber Griffin
To: Tacoma Morrissey; Ashley Ager
Cc: Chase Settle
Subject: FW: [EXTERNAL] Leonard Federal Battery (nAPP2212458439) Sampling Notification
Date: Wednesday, May 11, 2022 4:58:45 PM

[**EXTERNAL EMAIL**]

Thank you,
Amber Griffin

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Wednesday, May 11, 2022 3:35 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Leonard Federal Battery (nAPP2212458439) Sampling Notification

FYI

Miriam Morales

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Wednesday, May 11, 2022 3:31 PM
To: Miriam Morales <Miriam_Morales@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] Leonard Federal Battery (nAPP2212458439) Sampling Notification

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

Miriam,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet ● Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Wednesday, May 11, 2022 2:55 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; blm_nm_cfo_spill@blm.gov
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Subject: [EXTERNAL] Leonard Federal Battery (nAPP2212458439) Sampling Notification

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

Good afternoon,

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

Leonard Federal Battery
E-34-17S-29E; Eddy County, NM

Sampling will begin at 8:30 a.m. on Monday, May 16, 2022 and will be continuous through Tuesday, May 17, 2022.

Thank you,

Miriam Morales

From: Amber Griffin
To: Tacoma Morrissey; Ashley Ager
Cc: Chase Settle
Subject: FW: Leonard Federal Battery (nAPP2212458439) Sampling Notification
Date: Thursday, May 19, 2022 10:43:16 AM
Attachments: image001.png

[**EXTERNAL EMAIL**]

Thank you,

Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, May 19, 2022 9:43 AM
To: Robert.Hamlet@state.nm.us; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Jennifer.Nobui@state.nm.us; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Leonard Federal Battery (nAPP2212458439) Sampling Notification

Good Morning,

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

Leonard Federal Battery
E-34-17S-29E; Eddy County, NM
nAPP2212458439

Sampling will begin at 8:30 a.m. on Monday, May 23, 2022 and will be continuous through Friday, May 27, 2022.

Thank you,

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

ENSOLUM

APPENDIX F

Final C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	nAPP2212458439
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Amber Griffin	Contact Telephone 575-748-1471
Contact email amber_griffin@eogresources.com	Incident # *nAPP2212458439*
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.79289 Longitude -104.06819
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Leonard Federal Battery	Site Type Battery
Date Release Discovered 5/3/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
E	34	17S	29E	Eddy

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

Nature and Volume of Release

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

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

Cause of Release: Historical impacts were discovered during the decommissioning process of the battery. The environmental consultant contracted to investigate the area determined on 5/3/2022 based on the impacted area footprint that the release more than likely breached the reportable volume threshold.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2212458439
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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: Amber Griffin Title: Rep Safety & Environmental Sr

Signature: Amber Griffin Date: 5/4/2022

email: amber_griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 05/05/2022

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 104300

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 104300
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	5/5/2022

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2212458439
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>106' (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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2212458439
District RP	
Facility ID	
Application ID	

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 07/20/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2212458439
District RP	
Facility ID	
Application ID	

Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 07/20/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 08/17/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

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 127271

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 127271
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/17/2022