

Incident ID	nAPP2234939378
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: 12/30/2022
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 01/03/2023

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: Robert Hamlet Date: 4/10/2023
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



**SITE CHARACTERIZATION, REMEDIATION, AND CLOSURE
REPORT**

**EAGLE CREEK PIPELINE - WEST
UNIT C, SECTION 25, T18S-R25E
EDDY COUNTY, NEW MEXICO
32.72403, -104.44054
RANGER REFERENCE NO. 5375**

PREPARED FOR:

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

PREPARED BY:

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

DECEMBER 30, 2022

A handwritten signature in blue ink, appearing to read "M. Cook", is written above a horizontal line.

**Max Cook, CAPM
Senior Project Manager**

A handwritten signature in blue ink, appearing to read "W. Kierdorf", is written above a horizontal line.

**William Kierdorf, REM
Project Manager**

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FORM C-141

FIGURES

- Topographic Map
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TABLES

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

ATTACHMENTS

- Attachment 1 – Depth-to-Groundwater Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Laboratory Analytical Reports
- Attachment 4 – NMOCD Correspondence



**SITE CHARACTERIZATION, REMEDIATION, AND CLOSURE REPORT
EAGLE CREEK PIPELINE - WEST
UNIT C, SECTION 25, T18S-R25E
EDDY COUNTY, NEW MEXICO
32.72403, -104.44054
RANGER REFERENCE NO. 5375**

1.0 SITE LOCATION AND BACKGROUND

The Eagle Creek Pipeline – West (Site) is located on private property, approximately 8.5 miles southwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit C, Section 25, T18S-R25E at GPS coordinates 32.72403, -104.44054.

An area of possible historical impacts was identified in the vicinity of the out-of-service and abandoned Eagle Creek Pipeline, historically operated by EOG Resources, Inc. (EOG). EOG subsequently engaged Ranger Environmental Services, LLC (Ranger) to assist in the assessment, remediation, and reclamation efforts at the Site. On December 1, 2022, Ranger, and representatives of EOG conducted assessment activities in the reported area. Based on the findings of the site assessment, the incident was reported to the New Mexico Oil Conservation Division (NMOCD) (NMOCD Incident # nAPP2234939378).

The following *Site Characterization, Remediation, and Closure Report* has been prepared to provide full site characterization details for the site and to document the activities undertaken to address the soil impacts at the Site.

The previously submitted Initial C-141 Form Release Notification, as well as the Site Assessment/Characterization and Closure sections of Form C-141, are attached. A Topographic Map and Area Map noting the location of the subject property and surrounding areas, and a Site Map illustrating the Site features and sampling locations, are provided in the Figures section.

2.0 SITE CHARACTERIZATION

2.1 Depth-to-Groundwater

To determine the depth-to-groundwater in the vicinity of the Site, data available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE) was reviewed. Based upon the reviewed information, one water well (USGS 324331104264901) was identified. Upon review of the water well data, depth-to-groundwater in the well is documented to be greater than 100 feet below ground surface (bgs). The most recent data for the well was collected in January 2015, and is noted to be within the acceptable NMOCD timeframe criteria.

Based upon the reviewed information, the depth-to-groundwater in the area of the Site appears to be greater than 100 feet bgs. Copies of the reviewed depth-to-groundwater information is attached.

2.2 Wellhead Protection Area

Based upon the USGS and NMOSE information, one water well was identified within a half-mile of the Site. The well is located approximately 2,020 feet west-northwest of the Site.

Upon review of the National Wetland Inventory, the impacted area is not within 300 feet of a mapped feature.

The Site and impacted area are outside of the FEMA 100-year flood plain and fall in the area of minimal flood hazard.

The Site is noted to be in an area of “Low Karst” probability.

2.3 Distance to Nearest Significant Watercourse

Based upon available online resources a significant watercourse, “Rio Peñasco,” is located approximately 825 feet south of the Site.

2.4 Closure Criteria

Based upon the Site characterization details, and per NMAC 19.15.29.12, the Site was remediated to Table 1 19.15.29.12 NMAC (groundwater >100 feet) criteria. Additionally, the remediation activities were conducted to bring the area into compliance with the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC (Restoration Criteria). The proposed closure criteria are detailed below:

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	TPH (GRO+DRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')	20,000	2,500	1,000	50	10
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100 ¹	---	50 ¹	10 ¹

All Values Presented in Parts Per Million (mg/Kg)

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

3.0 SITE ASSESSMENT, REMEDIATION, AND CONFIRMATION SAMPLING

3.1 December 1, 2022 – Site Assessment

On December 1, 2022, Ranger personnel and representatives of EOG completed assessment activities in the reported area at the Site. The assessment process included the installation of excavation test holes and the collection of soil samples for laboratory analysis. During the assessment process, a total of 13 test excavations were completed to a maximum depth of approximately four feet.

During the test hole installation process, soils were analyzed by Ranger personnel at the surface and at approximate one-foot intervals using an organic vapor monitor (OVM) and a field chloride titration kit to assist in evaluating soil conditions and/or levels of impacts in the area. Field screening of the encountered soils were conducted at the surface and at one-foot increments to the total test excavation depths.

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

Upon review of the soil sample analytical results, elevated chloride concentrations were identified in six of the 13 test excavation locations. The remaining seven test excavation location samples were noted to have chloride concentrations within the applicable regulatory criteria. All samples collected were noted to have BTEX and TPH concentrations below the applicable regulatory criteria. It should also be noted that a depth of four feet bgs, all sample locations containing elevated chloride concentrations were noted to have chloride concentrations within the applicable Table 1 19.15.29.12 NMAC (groundwater >100 feet) criteria.

The initial assessment soil sample analytical results are summarized in Table 1. Copies of the laboratory analytical reports are also attached.

3.2 Site Remediation, Confirmation Sampling, and Sample Results

In order to address the impacts at the Site and bring the location into compliance with NMAC 19.15.29, soil removal operations were conducted in December 2022. Based on the information collected during the Site assessment activities, initial removal operations were completed to depths and boundaries anticipated to be within the closure criteria. During the excavation process, Ranger personnel collected field readings utilizing an organic vapor monitor (OVM) and field chloride titration kit to guide the excavation boundaries and depths. Upon completion of the initial soil removal operations, the excavated area had maximum dimensions of approximately 142 feet by 85 feet and a maximum depth of approximately four feet bgs.

To confirm the excavation had been completed to appropriate boundaries, on December 21, 2022, Ranger personnel mobilized to the site to collect cleanup confirmation soil samples. The cleanup confirmation soil samples were collected as five-part composite samples in accordance with NMAC 19.15.29.12 with each sample representing less than 200 square feet. In total, 37 excavation base samples and seven excavation wall samples were collected during the December 21, 2022 confirmation sampling activities.



Upon collection, the soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of TPH, BTEX, and chloride using the afore-mentioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the cleanup confirmation laboratory sample results, all areas have been documented to be in attainment of the Restoration, Reclamation and Re-Vegetation criteria detailed in NMAC 19.15.29.13 and/or NMAC 19.15.9.12 Table 1 (DTGW >100') criteria. A comprehensive sample results table summarizing the laboratory analytical results for all the cleanup confirmation soil samples collected during the remediation process is attached. Copies of the laboratory analytical reports including chain-of-custody documentation are also attached.

3.3 Waste Disposal

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

4.0 SITE CLOSURE

4.1 Site Backfill and Re-seeding

Based on the cleanup confirmation soil sample results, the excavated area will be backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13. Re-vegetation efforts in the subject area will be completed in accordance with NMAC 19.15.29.13.

4.2 Closure Request

Based on the cleanup confirmation soil sample results, the site has been properly addressed pursuant to NMAC 19.15.29 and EOG respectfully requests closure of the incident. A final C-141 form is attached.



FORM C-141

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

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

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

Incident ID	nAPP2234939378
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # nAPP2234939378
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.72403 Longitude -104.44054
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Eagle Creek Pipeline- West	Site Type Pipeline
Date Release Discovered 12/15/2022	API# <i>(if applicable)</i>

Unit Letter	Section	Township	Range	County
C	25	18S	25E	Eddy

Surface Owner: State Federal Tribal Private (Name: Wilson Ranch)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Notification was received of possible historical impacts at the site of an abandoned and out of service pipeline. An environmental consultant was retained to conduct a site assessment to determine the presence of impacts and reportability requirements. Based on the assessment completed, it was determined 12/15/2022 that the site did have historical impacts and that it most likely crossed the reportable threshold requiring submission of a C-141.

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Chase Settle</u> Title: <u>Rep Safety & Environmental Sr</u> Signature: <u>Chase Settle</u> Date: <u>12/15/2022</u> email: <u>Chase_Settle@eogresources.com</u> Telephone: <u>575-748-1471</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>12/15/2022</u>

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 167471

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 167471
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	12/15/2022

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Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-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.

State of New Mexico
Oil Conservation Division

Page 4

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

FIGURES

Topographic Map

Area Map

Water Well Location Map

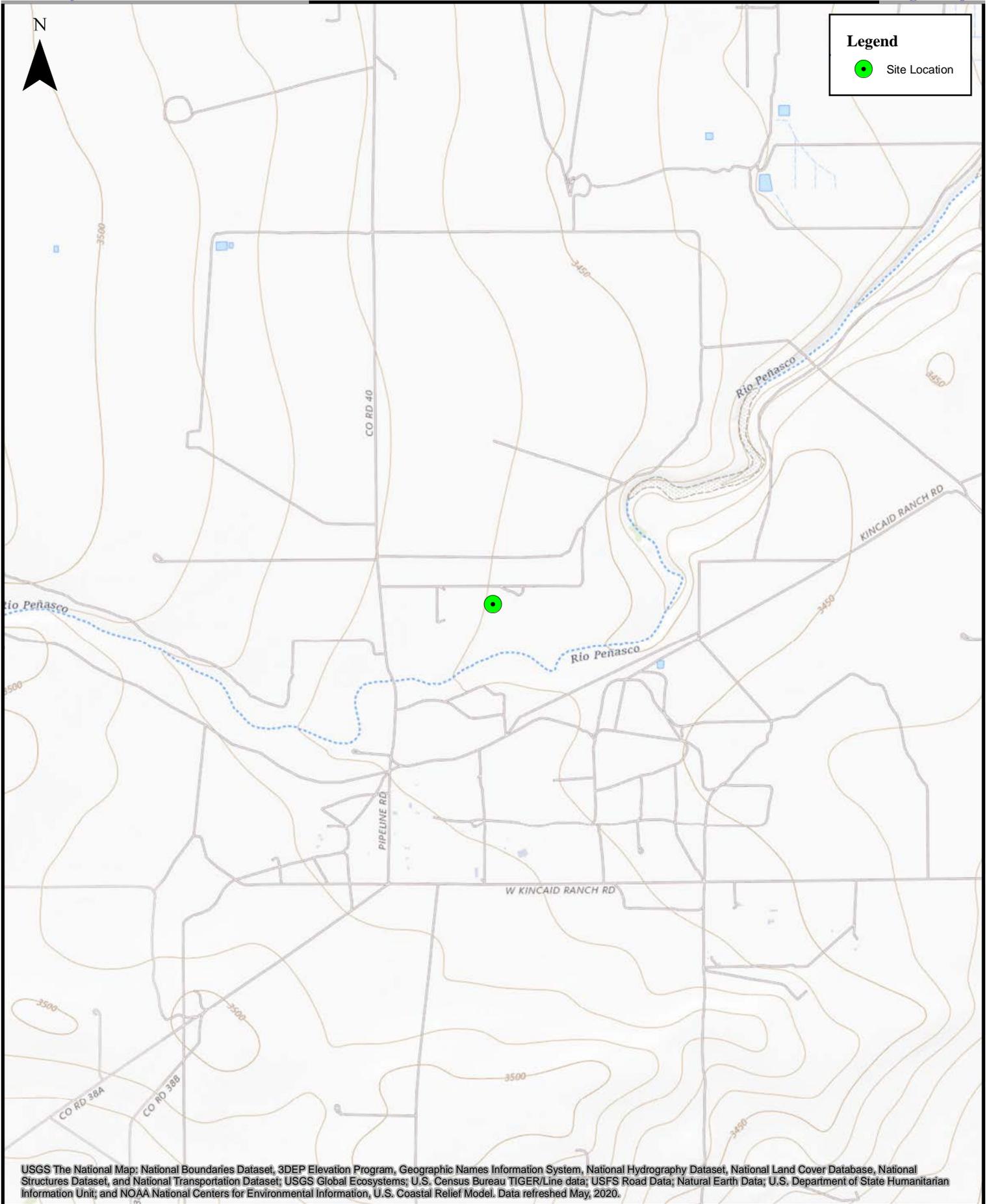
National Wetland Inventory Map

FEMA Floodplain Map

Karst Topography Map

Assessment Sample Location Map

Final Excavation Area and Confirmation Sample Location Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.



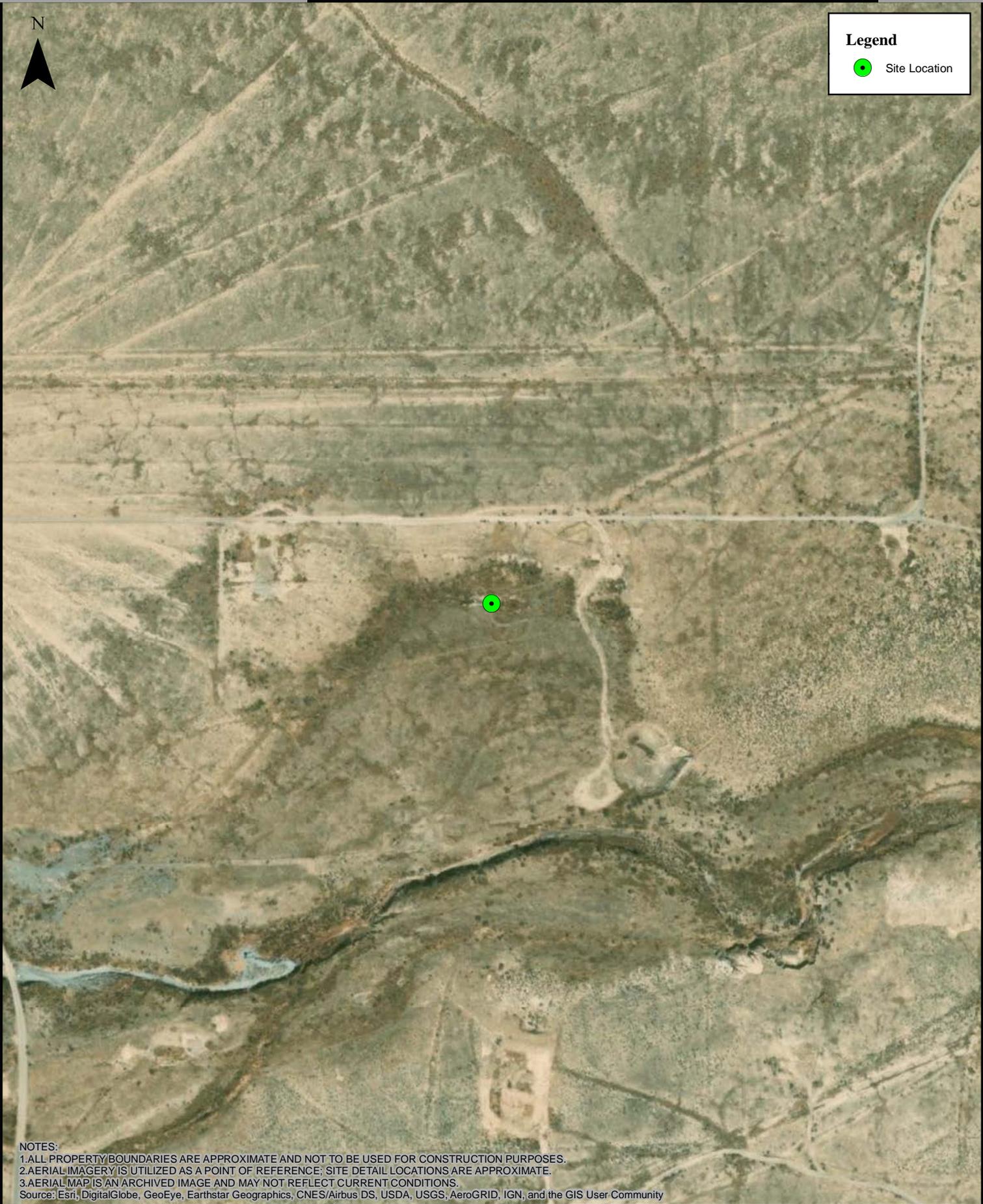
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1:24,000

Topographic Map
Eagle Creek Pipeline - West
EOG Resources, Inc.



Legend

 Site Location



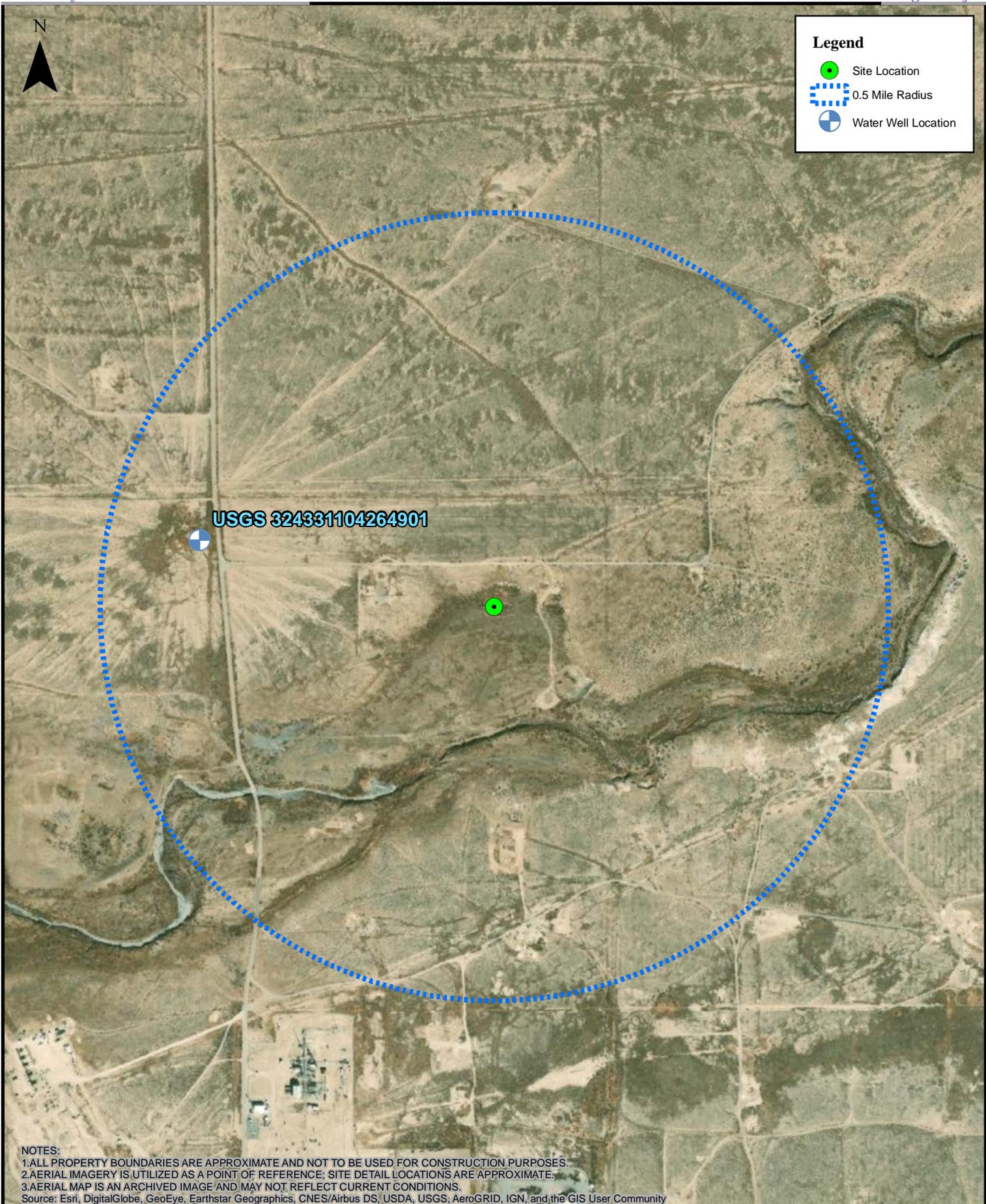
NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus/DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



0 125 250 500 750 1,000 Feet

1:5,000

Area Map
 Eagle Creek Pipeline - West
 EOG Resources, Inc.



Legend

- Site Location
- 0.5 Mile Radius
- Water Well Location

USGS 324331104264901

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

1:10,000

Water Well Location Map
 Eagle Creek Pipeline - West
 EOG Resources, Inc.



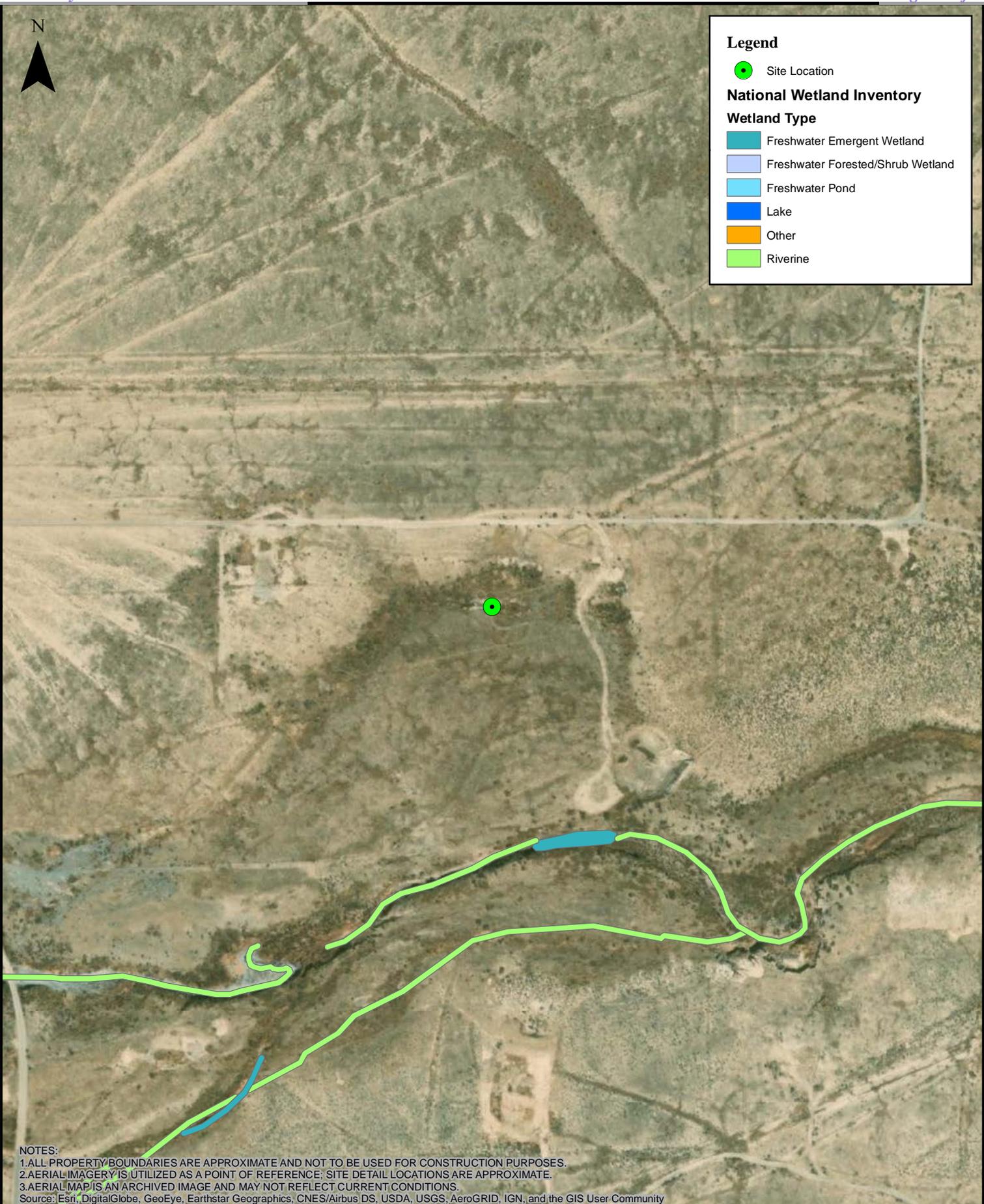
Legend

-  Site Location

National Wetland Inventory

Wetland Type

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine



NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
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0 125 250 500 750 1,000 Feet

1:5,000

National Wetland Inventory Map
 Eagle Creek Pipeline - West
 EOG Resources, Inc.

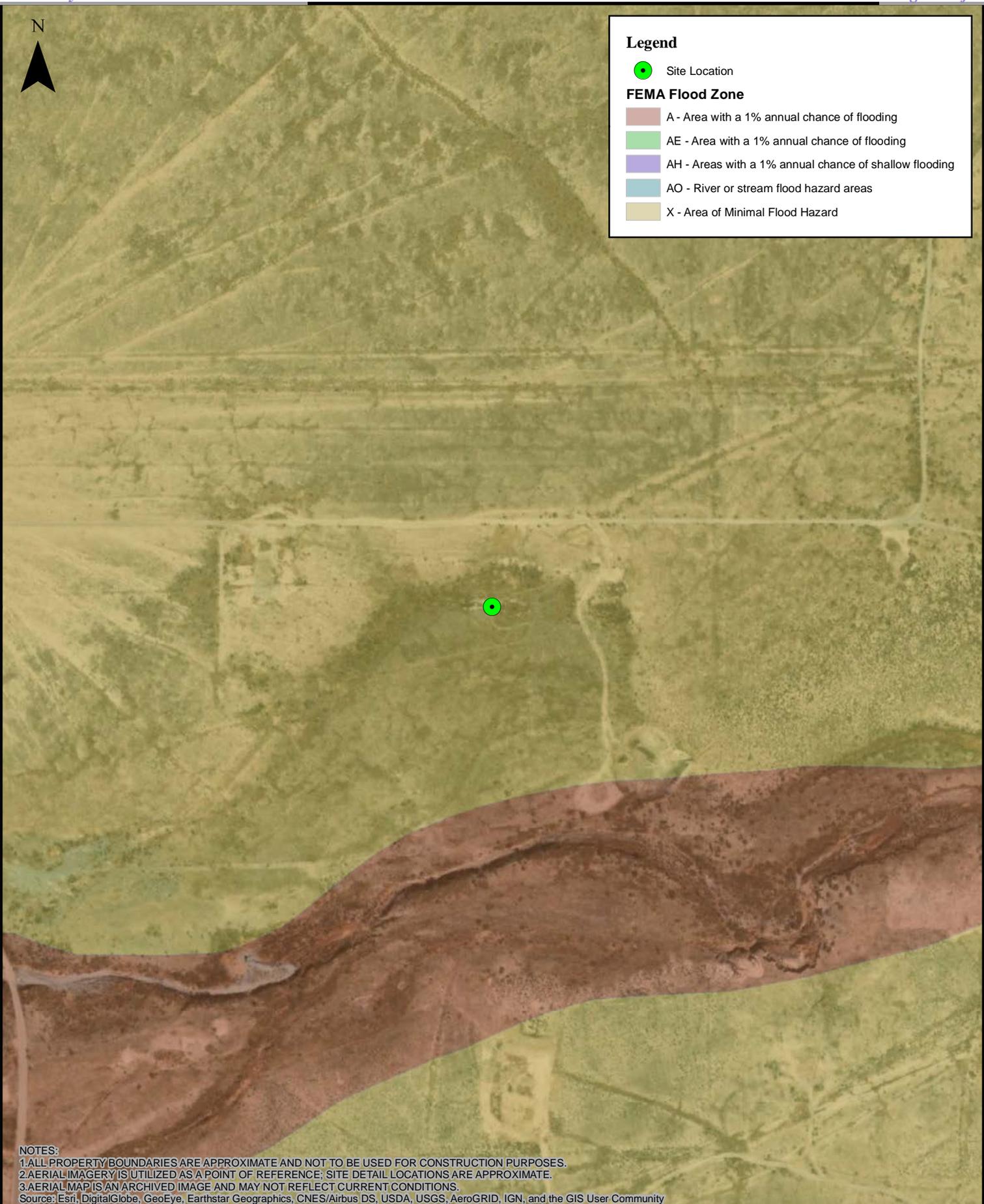


Legend

-  Site Location

FEMA Flood Zone

-  A - Area with a 1% annual chance of flooding
-  AE - Area with a 1% annual chance of flooding
-  AH - Areas with a 1% annual chance of shallow flooding
-  AO - River or stream flood hazard areas
-  X - Area of Minimal Flood Hazard



NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



0 125 250 500 750 1,000 Feet

1:5,000

FEMA Floodplain Map
 Eagle Creek Pipeline - West
 EOG Resources, Inc.

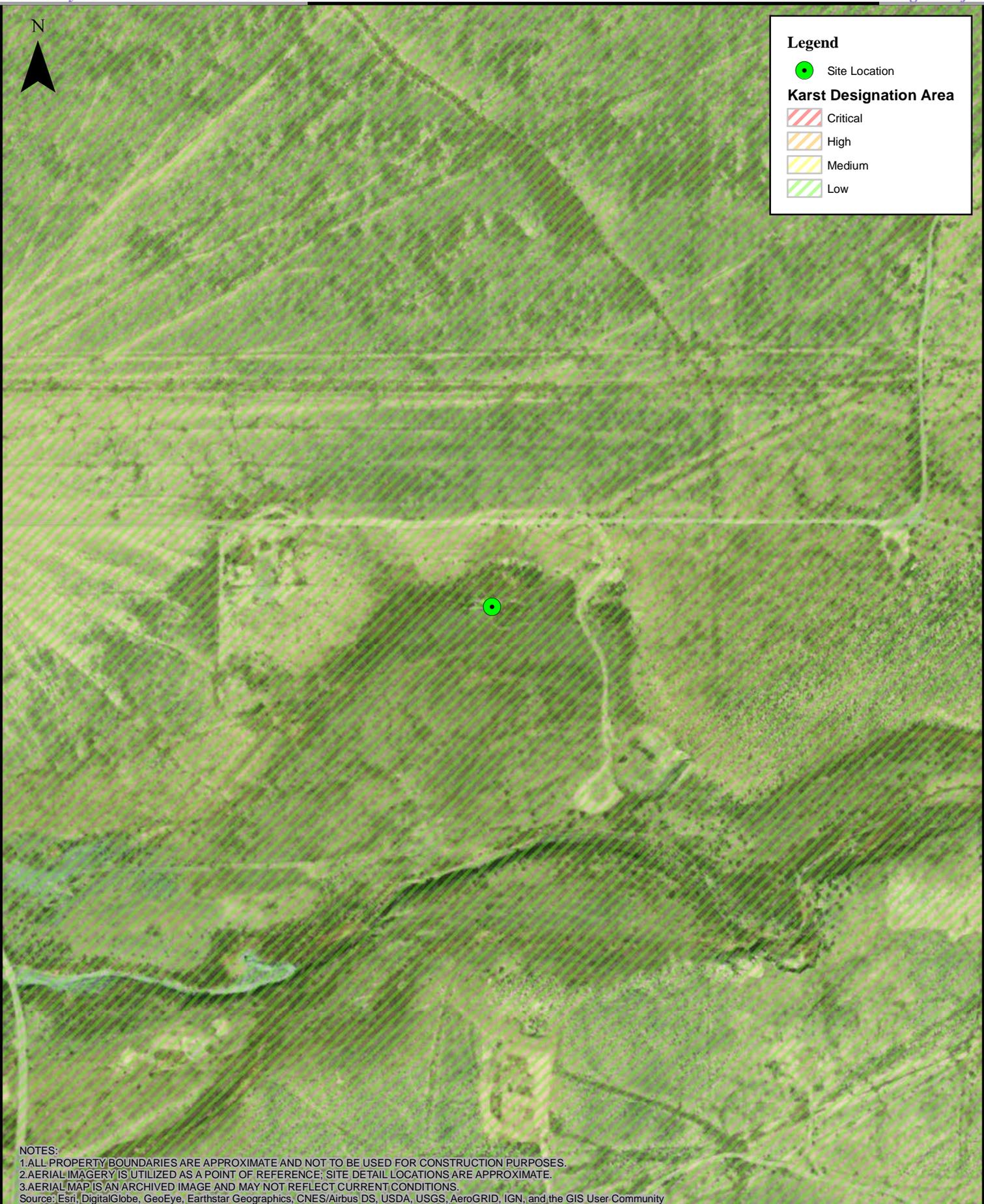


Legend

-  Site Location

Karst Designation Area

-  Critical
-  High
-  Medium
-  Low



NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



0 125 250 500 750 1,000 Feet

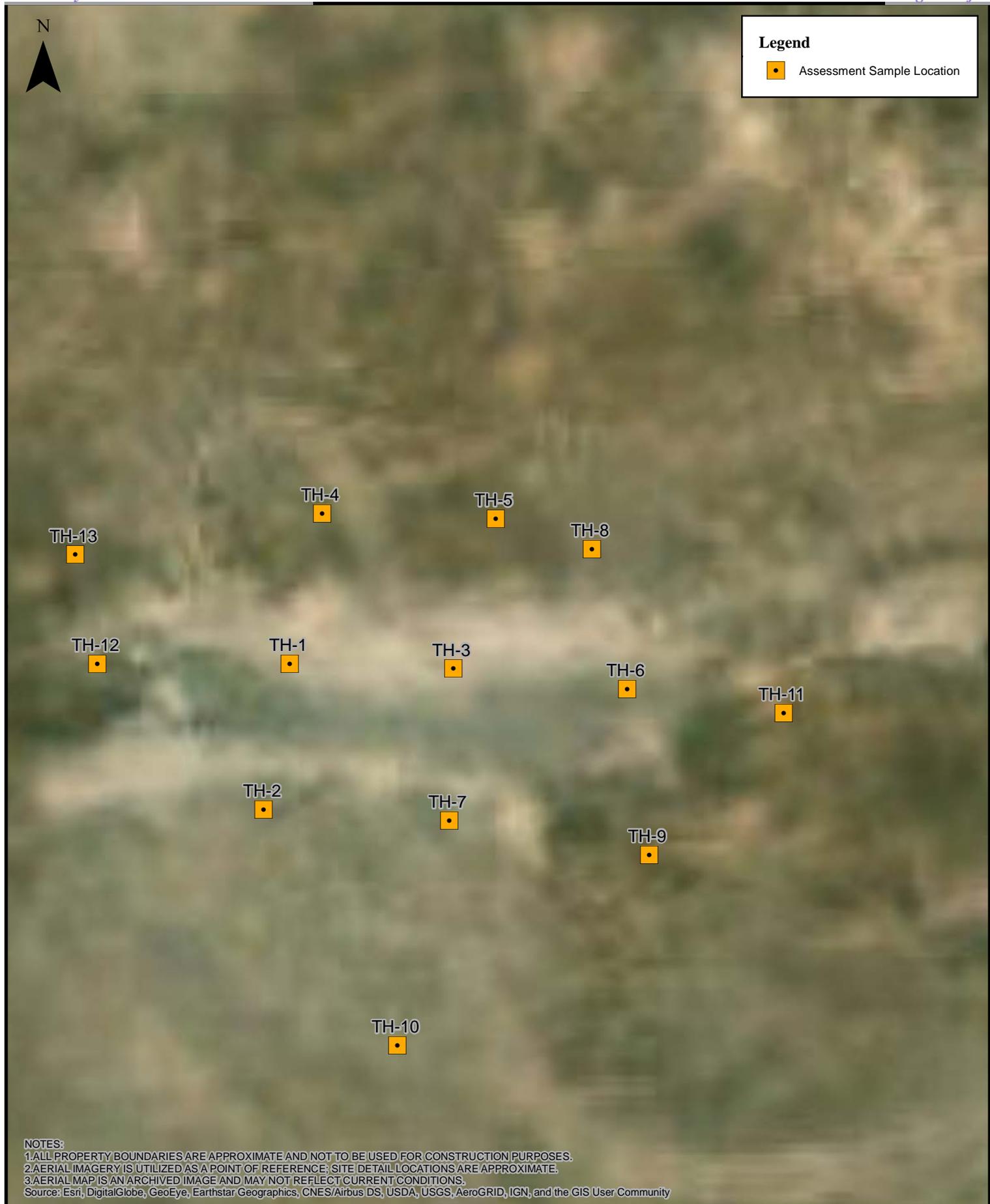
1:5,000

Karst Topography Map
 Eagle Creek Pipeline - West
 EOG Resources, Inc.



Legend

 Assessment Sample Location



NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



0 5 10 20 30 40 Feet
 1:250

Assessment Sample Location Map
 Eagle Creek Pipeline - West
 EOG Resources, Inc.

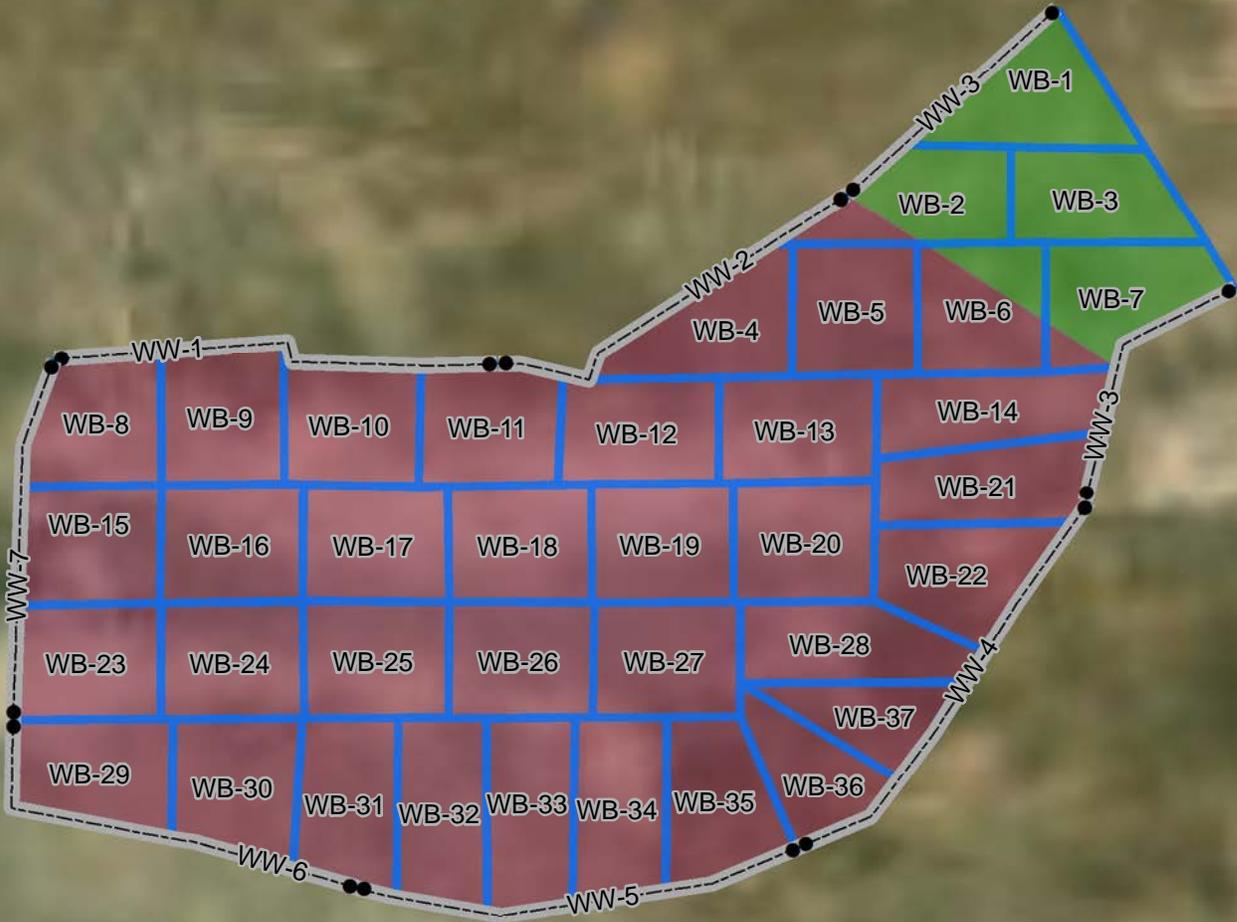


Legend

- Excavation Wall Sample Area
- Excavation Base Sample Area

Excavation Depth

- Ramped Area (0'-4')
- ~4' Deep



NOTES:
 1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
 3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

RANGER
ENVIRONMENTAL SERVICES, LLC

0 5 10 20 30 40 Feet

1:250

Final Excavation Area and Confirmation Sample Location Map
 Eagle Creek Pipeline - West
 EOG Resources, Inc.

TABLES

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

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

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
EOG RESOURCES, INC.													
EAGLE CREEK PIPELINE- WEST													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
TH-1/3	12/1/2022	3'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	5,000
TH-1/4	12/1/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	6,600
TH-2/3	12/1/2022	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	1,000
TH-2/4	12/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	390
TH-3/0	12/1/2022	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	1,200
TH-3/4	12/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<48	<15	<48	1,400
TH-4/3	12/1/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	120
TH-4/4	12/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	330
TH-5/1	12/1/2022	1'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<50	<15	<50	1,000
TH-5/4	12/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<13	<42	<13	<42	460
TH-6/1	12/1/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	6,300
TH-6/4	12/1/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	1,800
TH-7/3	12/1/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	1,500
TH-7/4	12/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	1,100
TH-8/3	12/1/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	<60
TH-8/4	12/1/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	<60
TH-9/1	12/1/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	350
TH-9/4	12/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	380
TH-10/0	12/1/2022	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	<60
TH-10/4	12/1/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	<60
TH-11/3	12/1/2022	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	<60
TH-11/4	12/1/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<48	<15	<48	<60
TH-12/4	12/1/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<15	<49	<15	<49	140
TH-13/3	12/1/2022	3'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<14	<47	<14	<47	<60
TH-13/4	12/1/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	380
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')			10	---	---	---	50	---	---	---	1,000	2,500	20,000
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10³	---	---	---	50³	---	---	---	---	100³	600
Notes:													
1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.													
2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.													
3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.													

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
EOG RESOURCES, INC.
EAGLE CREEK PIPELINE - WEST

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
WB-1	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<45	<14	<45	270
WB-2	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	320
WB-3	12/21/2022	0'-4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	460
WB-4	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	370
WB-5	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	360
WB-6	12/21/2022	0'-4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<47	<14	<47	360
WB-7	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<46	<14	<46	340
WB-8	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	390
WB-9	12/21/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	360
WB-10	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	450
WB-11	12/21/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	470
WB-12	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<46	<14	<46	370
WB-13	12/21/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	360
WB-14	12/21/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	380
WB-15	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	380
WB-16	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	440
WB-17	12/21/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	380
WB-18	12/21/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	340
WB-19	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	350
WB-20	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	430
WB-21	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	350
WB-22	12/21/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	390
WB-23	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	400
WB-24	12/21/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	410
WB-25	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	370
WB-26	12/21/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<50	<15	<50	340
WB-27	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	390
WB-28	12/21/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	320
WB-29	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<50	<15	<50	390
WB-30	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	410
WB-31	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<48	<15	<48	410
WB-32	12/21/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	410
WB-33	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<4.9	<14	<46	<14	<46	380
WB-34	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<50	<15	<50	440
WB-35	12/21/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	350
WB-36	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	400
WB-37	12/21/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	330
WW-1	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	160
WW-2	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<45	<14	<45	540
WW-3	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	170
WW-4	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	74
WW-5	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<13	<44	<13	<44	76
WW-6	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	300
WW-7	12/21/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	74
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')			10	---	---	---	50	---	---	---	1,000	2,500	20,000
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10³	---	---	---	50³	---	---	---	---	100³	600

Notes:

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.
2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.
3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

ATTACHMENT 1 – DEPTH-TO-GROUNDWATER
DATA



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- See the [Water Data for the Nation Blog](#) for the latest news and updates.

Groundwater levels for the Nation

! Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 324331104264901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324331104264901 18S.25E.26.22223

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°43'31", Longitude 104°26'49" NAD27

Land-surface elevation 3,469 feet above NGVD29

The depth of the well is 250.00 feet below land surface.

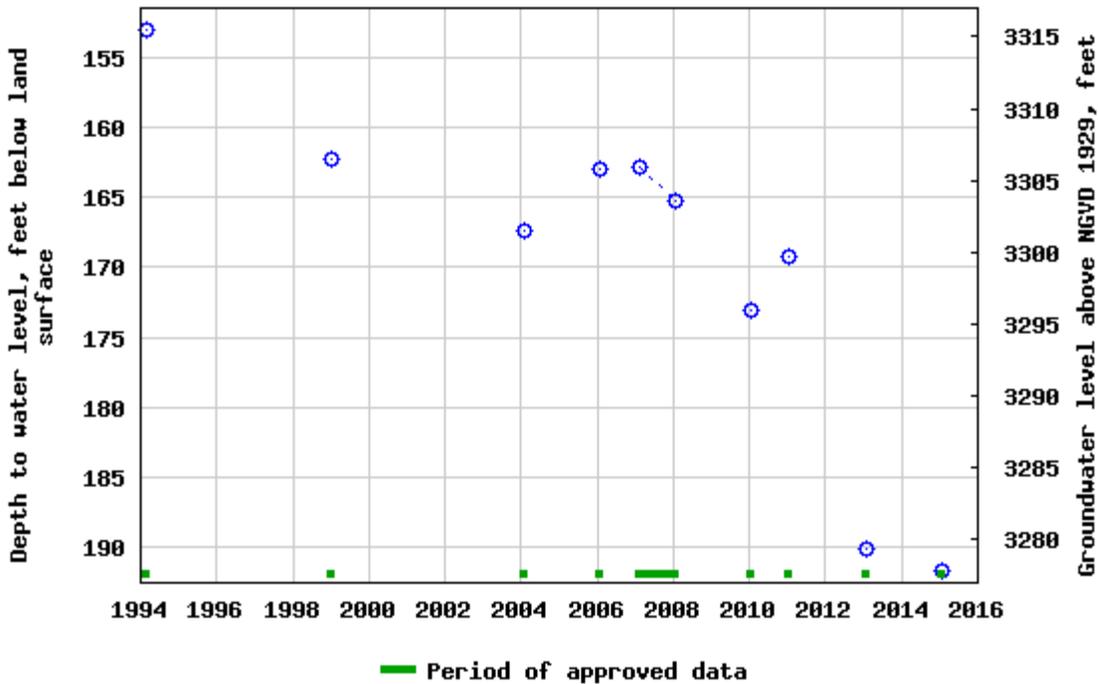
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

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

USGS 324331104264901 18S.25E.26.22223



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](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2022-12-20 16:18:21 EST

0.66 0.56 nadww01

ATTACHMENT 2 – PHOTOGRAPHIC
DOCUMENTATION



PHOTOGRAPH NO. 1 – A general view of a test excavation completed at the Site during the December 1, 2022, site assessment activities.



PHOTOGRAPH NO. 2 – A view of the Site during the final soil removal operations. The view is towards the northeast.

(Approximate GPS Coordinates: 32.723955, -104.440812)



PHOTOGRAPH NO. 3 – A view the excavated area upon completion on December 21, 2022. The view is towards the southeast.

(Approximate GPS Coordinates: 32.724142, -104.440827)

ATTACHMENT 3 – LABORATORY ANALYTICAL REPORTS



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

December 12, 2022

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Eagle Creek

OrderNo.: 2212151

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 25 sample(s) on 12/3/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-1/3

Project: Eagle Creek

Collection Date: 12/1/2022 9:14:00 AM

Lab ID: 2212151-001

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	5000	300		mg/Kg	100	12/7/2022 2:01:45 PM	71876
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 2:19:02 PM	71866
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/7/2022 2:19:02 PM	71866
Surr: DNOP	98.7	21-129		%Rec	1	12/7/2022 2:19:02 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/6/2022 7:02:10 PM	71848
Surr: BFB	90.7	37.7-212		%Rec	1	12/6/2022 7:02:10 PM	71848
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	12/6/2022 7:02:10 PM	71848
Toluene	ND	0.049		mg/Kg	1	12/6/2022 7:02:10 PM	71848
Ethylbenzene	ND	0.049		mg/Kg	1	12/6/2022 7:02:10 PM	71848
Xylenes, Total	ND	0.098		mg/Kg	1	12/6/2022 7:02:10 PM	71848
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	12/6/2022 7:02:10 PM	71848

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-1/4

Project: Eagle Creek

Collection Date: 12/1/2022 9:16:00 AM

Lab ID: 2212151-002

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	6600	300		mg/Kg	100	12/7/2022 2:14:06 PM	71876
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 2:43:09 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 2:43:09 PM	71866
Surr: DNOP	85.9	21-129		%Rec	1	12/7/2022 2:43:09 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/6/2022 11:27:00 AM	71855
Surr: BFB	94.6	37.7-212		%Rec	1	12/6/2022 11:27:00 AM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 11:27:00 AM	71855
Toluene	ND	0.049		mg/Kg	1	12/6/2022 11:27:00 AM	71855
Ethylbenzene	ND	0.049		mg/Kg	1	12/6/2022 11:27:00 AM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 11:27:00 AM	71855
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	12/6/2022 11:27:00 AM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-2/3

Project: Eagle Creek

Collection Date: 12/1/2022 9:46:00 AM

Lab ID: 2212151-003

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1000	60		mg/Kg	20	12/6/2022 9:15:50 PM	71876
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 3:07:29 PM	71866
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/7/2022 3:07:29 PM	71866
Surr: DNOP	106	21-129		%Rec	1	12/7/2022 3:07:29 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 12:26:00 PM	71855
Surr: BFB	99.9	37.7-212		%Rec	1	12/6/2022 12:26:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 12:26:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 12:26:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 12:26:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 12:26:00 PM	71855
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	12/6/2022 12:26:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-2/4

Project: Eagle Creek

Collection Date: 12/1/2022 9:48:00 AM

Lab ID: 2212151-004

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	390	60		mg/Kg	20	12/6/2022 10:03:53 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 3:31:38 PM	71866
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/7/2022 3:31:38 PM	71866
Surr: DNOP	101	21-129		%Rec	1	12/7/2022 3:31:38 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 1:25:00 PM	71855
Surr: BFB	94.6	37.7-212		%Rec	1	12/6/2022 1:25:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 1:25:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 1:25:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 1:25:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 1:25:00 PM	71855
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	12/6/2022 1:25:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-3/0

Project: Eagle Creek

Collection Date: 12/1/2022 10:00:00 AM

Lab ID: 2212151-005

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1200	60		mg/Kg	20	12/6/2022 10:16:18 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 3:56:02 PM	71866
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/7/2022 3:56:02 PM	71866
Surr: DNOP	80.0	21-129		%Rec	1	12/7/2022 3:56:02 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 1:45:00 PM	71855
Surr: BFB	95.2	37.7-212		%Rec	1	12/6/2022 1:45:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 1:45:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 1:45:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 1:45:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 1:45:00 PM	71855
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	12/6/2022 1:45:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-3/4

Project: Eagle Creek

Collection Date: 12/1/2022 10:08:00 AM

Lab ID: 2212151-006

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1400	61		mg/Kg	20	12/6/2022 10:28:42 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 4:20:02 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 4:20:02 PM	71866
Surr: DNOP	97.5	21-129		%Rec	1	12/7/2022 4:20:02 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 2:04:00 PM	71855
Surr: BFB	90.7	37.7-212		%Rec	1	12/6/2022 2:04:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 2:04:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 2:04:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 2:04:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 2:04:00 PM	71855
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	12/6/2022 2:04:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-4/3

Project: Eagle Creek

Collection Date: 12/1/2022 10:34:00 AM

Lab ID: 2212151-007

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	120	61		mg/Kg	20	12/6/2022 10:41:06 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 4:44:18 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 4:44:18 PM	71866
Surr: DNOP	91.3	21-129		%Rec	1	12/7/2022 4:44:18 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 2:24:00 PM	71855
Surr: BFB	98.1	37.7-212		%Rec	1	12/6/2022 2:24:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 2:24:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 2:24:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 2:24:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 2:24:00 PM	71855
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	12/6/2022 2:24:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-4/4

Project: Eagle Creek

Collection Date: 12/1/2022 10:36:00 AM

Lab ID: 2212151-008

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	330	60		mg/Kg	20	12/6/2022 10:53:30 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 5:08:27 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 5:08:27 PM	71866
Surr: DNOP	89.0	21-129		%Rec	1	12/7/2022 5:08:27 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 2:44:00 PM	71855
Surr: BFB	99.8	37.7-212		%Rec	1	12/6/2022 2:44:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 2:44:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 2:44:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 2:44:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 2:44:00 PM	71855
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	12/6/2022 2:44:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-5/1

Project: Eagle Creek

Collection Date: 12/1/2022 10:52:00 AM

Lab ID: 2212151-009

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1000	60		mg/Kg	20	12/6/2022 11:05:54 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 5:32:47 PM	71866
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/7/2022 5:32:47 PM	71866
Surr: DNOP	85.7	21-129		%Rec	1	12/7/2022 5:32:47 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 3:03:00 PM	71855
Surr: BFB	95.9	37.7-212		%Rec	1	12/6/2022 3:03:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 3:03:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 3:03:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 3:03:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 3:03:00 PM	71855
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	12/6/2022 3:03:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-5/4

Project: Eagle Creek

Collection Date: 12/1/2022 10:58:00 AM

Lab ID: 2212151-010

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	460	60		mg/Kg	20	12/6/2022 11:18:18 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	12/7/2022 5:56:59 PM	71866
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	12/7/2022 5:56:59 PM	71866
Surr: DNOP	77.2	21-129		%Rec	1	12/7/2022 5:56:59 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 3:23:00 PM	71855
Surr: BFB	100	37.7-212		%Rec	1	12/6/2022 3:23:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 3:23:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 3:23:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 3:23:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 3:23:00 PM	71855
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	12/6/2022 3:23:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-6/1

Project: Eagle Creek

Collection Date: 12/1/2022 11:06:00 AM

Lab ID: 2212151-011

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	6300	300		mg/Kg	100	12/7/2022 2:26:27 PM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 6:21:16 PM	71866
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/7/2022 6:21:16 PM	71866
Surr: DNOP	73.3	21-129		%Rec	1	12/7/2022 6:21:16 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 3:43:00 PM	71855
Surr: BFB	102	37.7-212		%Rec	1	12/6/2022 3:43:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 3:43:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 3:43:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 3:43:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 3:43:00 PM	71855
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	12/6/2022 3:43:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-6/4

Project: Eagle Creek

Collection Date: 12/1/2022 11:12:00 AM

Lab ID: 2212151-012

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1800	59		mg/Kg	20	12/7/2022 12:07:56 AM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 6:45:18 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 6:45:18 PM	71866
Surr: DNOP	80.6	21-129		%Rec	1	12/7/2022 6:45:18 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/6/2022 4:22:00 PM	71855
Surr: BFB	105	37.7-212		%Rec	1	12/6/2022 4:22:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 4:22:00 PM	71855
Toluene	ND	0.049		mg/Kg	1	12/6/2022 4:22:00 PM	71855
Ethylbenzene	ND	0.049		mg/Kg	1	12/6/2022 4:22:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 4:22:00 PM	71855
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	12/6/2022 4:22:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-7/3

Project: Eagle Creek

Collection Date: 12/1/2022 11:29:00 AM

Lab ID: 2212151-013

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1500	60		mg/Kg	20	12/7/2022 12:20:21 AM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 7:09:35 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 7:09:35 PM	71866
Surr: DNOP	102	21-129		%Rec	1	12/7/2022 7:09:35 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 4:42:00 PM	71855
Surr: BFB	102	37.7-212		%Rec	1	12/6/2022 4:42:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 4:42:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 4:42:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 4:42:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 4:42:00 PM	71855
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/6/2022 4:42:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-7/4

Project: Eagle Creek

Collection Date: 12/1/2022 11:31:00 AM

Lab ID: 2212151-014

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1100	60		mg/Kg	20	12/7/2022 12:32:46 AM	71877
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 7:33:46 PM	71866
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/7/2022 7:33:46 PM	71866
Surr: DNOP	107	21-129		%Rec	1	12/7/2022 7:33:46 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 5:01:00 PM	71855
Surr: BFB	101	37.7-212		%Rec	1	12/6/2022 5:01:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 5:01:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 5:01:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 5:01:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 5:01:00 PM	71855
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	12/6/2022 5:01:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-8/3

Project: Eagle Creek

Collection Date: 12/1/2022 11:40:00 AM

Lab ID: 2212151-015

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	ND	60		mg/Kg	20	12/7/2022 12:06:09 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 7:57:59 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 7:57:59 PM	71866
Surr: DNOP	88.3	21-129		%Rec	1	12/7/2022 7:57:59 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 5:21:00 PM	71855
Surr: BFB	99.7	37.7-212		%Rec	1	12/6/2022 5:21:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 5:21:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 5:21:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 5:21:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 5:21:00 PM	71855
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	12/6/2022 5:21:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-8/4

Project: Eagle Creek

Collection Date: 12/1/2022 11:42:00 AM

Lab ID: 2212151-016

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	ND	60		mg/Kg	20	12/7/2022 12:18:34 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/8/2022 3:03:09 PM	71866
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/8/2022 3:03:09 PM	71866
Surr: DNOP	112	21-129		%Rec	1	12/8/2022 3:03:09 PM	71866
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/6/2022 5:41:00 PM	71855
Surr: BFB	102	37.7-212		%Rec	1	12/6/2022 5:41:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 5:41:00 PM	71855
Toluene	ND	0.049		mg/Kg	1	12/6/2022 5:41:00 PM	71855
Ethylbenzene	ND	0.049		mg/Kg	1	12/6/2022 5:41:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 5:41:00 PM	71855
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	12/6/2022 5:41:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-9/1

Project: Eagle Creek

Collection Date: 12/1/2022 11:59:00 AM

Lab ID: 2212151-017

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	350	60		mg/Kg	20	12/7/2022 12:30:58 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 9:58:38 PM	71871
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/7/2022 9:58:38 PM	71871
Surr: DNOP	80.4	21-129		%Rec	1	12/7/2022 9:58:38 PM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 6:00:00 PM	71855
Surr: BFB	99.9	37.7-212		%Rec	1	12/6/2022 6:00:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 6:00:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 6:00:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 6:00:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 6:00:00 PM	71855
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	12/6/2022 6:00:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-9/4

Project: Eagle Creek

Collection Date: 12/1/2022 12:05:00 PM

Lab ID: 2212151-018

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	380	60		mg/Kg	20	12/7/2022 1:08:10 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 10:22:48 PM	71871
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/7/2022 10:22:48 PM	71871
Surr: DNOP	77.8	21-129		%Rec	1	12/7/2022 10:22:48 PM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 6:20:00 PM	71855
Surr: BFB	101	37.7-212		%Rec	1	12/6/2022 6:20:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 6:20:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 6:20:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 6:20:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 6:20:00 PM	71855
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/6/2022 6:20:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-10/0

Project: Eagle Creek

Collection Date: 12/1/2022 12:45:00 PM

Lab ID: 2212151-019

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	ND	60		mg/Kg	20	12/7/2022 1:45:23 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/7/2022 11:34:55 PM	71871
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/7/2022 11:34:55 PM	71871
Surr: DNOP	116	21-129		%Rec	1	12/7/2022 11:34:55 PM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/6/2022 6:40:00 PM	71855
Surr: BFB	101	37.7-212		%Rec	1	12/6/2022 6:40:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 6:40:00 PM	71855
Toluene	ND	0.049		mg/Kg	1	12/6/2022 6:40:00 PM	71855
Ethylbenzene	ND	0.049		mg/Kg	1	12/6/2022 6:40:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 6:40:00 PM	71855
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	12/6/2022 6:40:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-10/4

Project: Eagle Creek

Collection Date: 12/1/2022 12:53:00 PM

Lab ID: 2212151-020

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	ND	60		mg/Kg	20	12/7/2022 1:57:47 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/7/2022 11:59:05 PM	71871
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/7/2022 11:59:05 PM	71871
Surr: DNOP	91.0	21-129		%Rec	1	12/7/2022 11:59:05 PM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 6:59:00 PM	71855
Surr: BFB	101	37.7-212		%Rec	1	12/6/2022 6:59:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 6:59:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 6:59:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 6:59:00 PM	71855
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 6:59:00 PM	71855
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	12/6/2022 6:59:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-11/3

Project: Eagle Creek

Collection Date: 12/1/2022 1:14:00 PM

Lab ID: 2212151-021

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	ND	60		mg/Kg	20	12/7/2022 2:35:00 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/8/2022 12:22:56 AM	71871
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/8/2022 12:22:56 AM	71871
Surr: DNOP	89.5	21-129		%Rec	1	12/8/2022 12:22:56 AM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2022 7:19:00 PM	71855
Surr: BFB	104	37.7-212		%Rec	1	12/6/2022 7:19:00 PM	71855
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 7:19:00 PM	71855
Toluene	ND	0.050		mg/Kg	1	12/6/2022 7:19:00 PM	71855
Ethylbenzene	ND	0.050		mg/Kg	1	12/6/2022 7:19:00 PM	71855
Xylenes, Total	ND	0.10		mg/Kg	1	12/6/2022 7:19:00 PM	71855
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/6/2022 7:19:00 PM	71855

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-11/4

Project: Eagle Creek

Collection Date: 12/1/2022 1:16:00 PM

Lab ID: 2212151-022

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	ND	60		mg/Kg	20	12/7/2022 2:47:25 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/8/2022 12:46:58 AM	71871
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/8/2022 12:46:58 AM	71871
Surr: DNOP	93.3	21-129		%Rec	1	12/8/2022 12:46:58 AM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/6/2022 9:17:00 PM	71856
Surr: BFB	98.8	37.7-212		%Rec	1	12/6/2022 9:17:00 PM	71856
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 9:17:00 PM	71856
Toluene	ND	0.049		mg/Kg	1	12/6/2022 9:17:00 PM	71856
Ethylbenzene	ND	0.049		mg/Kg	1	12/6/2022 9:17:00 PM	71856
Xylenes, Total	ND	0.099		mg/Kg	1	12/6/2022 9:17:00 PM	71856
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	12/6/2022 9:17:00 PM	71856

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-12/4

Project: Eagle Creek

Collection Date: 12/1/2022 1:50:00 PM

Lab ID: 2212151-023

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	140	60		mg/Kg	20	12/7/2022 2:59:49 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/8/2022 1:10:55 AM	71871
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/8/2022 1:10:55 AM	71871
Surr: DNOP	97.4	21-129		%Rec	1	12/8/2022 1:10:55 AM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/6/2022 10:16:00 PM	71856
Surr: BFB	103	37.7-212		%Rec	1	12/6/2022 10:16:00 PM	71856
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/6/2022 10:16:00 PM	71856
Toluene	ND	0.048		mg/Kg	1	12/6/2022 10:16:00 PM	71856
Ethylbenzene	ND	0.048		mg/Kg	1	12/6/2022 10:16:00 PM	71856
Xylenes, Total	ND	0.096		mg/Kg	1	12/6/2022 10:16:00 PM	71856
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	12/6/2022 10:16:00 PM	71856

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-13/3

Project: Eagle Creek

Collection Date: 12/1/2022 2:00:00 PM

Lab ID: 2212151-024

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	ND	60		mg/Kg	20	12/7/2022 3:12:14 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/8/2022 1:35:22 AM	71871
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/8/2022 1:35:22 AM	71871
Surr: DNOP	97.2	21-129		%Rec	1	12/8/2022 1:35:22 AM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/6/2022 11:15:00 PM	71856
Surr: BFB	106	37.7-212		%Rec	1	12/6/2022 11:15:00 PM	71856
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	12/6/2022 11:15:00 PM	71856
Toluene	ND	0.047		mg/Kg	1	12/6/2022 11:15:00 PM	71856
Ethylbenzene	ND	0.047		mg/Kg	1	12/6/2022 11:15:00 PM	71856
Xylenes, Total	ND	0.095		mg/Kg	1	12/6/2022 11:15:00 PM	71856
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	12/6/2022 11:15:00 PM	71856

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212151**

Date Reported: **12/12/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: TH-13/4

Project: Eagle Creek

Collection Date: 12/1/2022 2:02:00 PM

Lab ID: 2212151-025

Matrix: SOIL

Received Date: 12/3/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	380	60		mg/Kg	20	12/7/2022 3:24:38 PM	71903
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/8/2022 1:59:18 AM	71871
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/8/2022 1:59:18 AM	71871
Surr: DNOP	90.3	21-129		%Rec	1	12/8/2022 1:59:18 AM	71871
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/6/2022 11:35:00 PM	71856
Surr: BFB	103	37.7-212		%Rec	1	12/6/2022 11:35:00 PM	71856
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/6/2022 11:35:00 PM	71856
Toluene	ND	0.049		mg/Kg	1	12/6/2022 11:35:00 PM	71856
Ethylbenzene	ND	0.049		mg/Kg	1	12/6/2022 11:35:00 PM	71856
Xylenes, Total	ND	0.098		mg/Kg	1	12/6/2022 11:35:00 PM	71856
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	12/6/2022 11:35:00 PM	71856

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212151

12-Dec-22

Client: EOG
Project: Eagle Creek

Sample ID: LCS-71877	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 71877		RunNo: 93065							
Prep Date: 12/6/2022	Analysis Date: 12/6/2022		SeqNo: 3351720		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: MB-71876	SampType: MBLK		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 71876		RunNo: 93070							
Prep Date: 12/6/2022	Analysis Date: 12/6/2022		SeqNo: 3351894		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-71876	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 71876		RunNo: 93070							
Prep Date: 12/6/2022	Analysis Date: 12/6/2022		SeqNo: 3351895		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	90	110			

Sample ID: MB-71903	SampType: MBLK		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 71903		RunNo: 93106							
Prep Date: 12/7/2022	Analysis Date: 12/7/2022		SeqNo: 3353797		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-71903	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 71903		RunNo: 93106							
Prep Date: 12/7/2022	Analysis Date: 12/7/2022		SeqNo: 3353798		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212151

12-Dec-22

Client: EOG
Project: Eagle Creek

Sample ID: LCS-71866	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 71866		RunNo: 93068							
Prep Date: 12/6/2022	Analysis Date: 12/7/2022		SeqNo: 3353781		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	15	50.00	0	92.1	64.4	127			
Surr: DNOP	4.6		5.000		91.4	21	129			

Sample ID: LCS-71871	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 71871		RunNo: 93068							
Prep Date: 12/6/2022	Analysis Date: 12/7/2022		SeqNo: 3353782		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	15	50.00	0	87.3	64.4	127			
Surr: DNOP	3.7		5.000		73.5	21	129			

Sample ID: MB-71866	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 71866		RunNo: 93068							
Prep Date: 12/6/2022	Analysis Date: 12/7/2022		SeqNo: 3353784		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	8.8		10.00		88.3	21	129			

Sample ID: MB-71871	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 71871		RunNo: 93068							
Prep Date: 12/6/2022	Analysis Date: 12/7/2022		SeqNo: 3353785		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	9.2		10.00		92.4	21	129			

Sample ID: LCS-71924	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 71924		RunNo: 93157							
Prep Date: 12/7/2022	Analysis Date: 12/8/2022		SeqNo: 3356261		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.3		5.000		146	21	129			S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212151

12-Dec-22

Client: EOG
Project: Eagle Creek

Sample ID: MB-71924	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 71924	RunNo: 93157								
Prep Date: 12/7/2022	Analysis Date: 12/8/2022	SeqNo: 3356262			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	14		10.00		144	21	129			S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212151

12-Dec-22

Client: EOG
Project: Eagle Creek

Sample ID: mb-71848	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 71848		RunNo: 93052							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351277		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	900		1000		90.5	37.7	212			

Sample ID: lcs-71848	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 71848		RunNo: 93052							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351278		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	1900		1000		192	37.7	212			

Sample ID: lcs-71855	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 71855		RunNo: 93059							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351466		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.5	72.3	137			
Surr: BFB	2000		1000		199	37.7	212			

Sample ID: mb-71855	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 71855		RunNo: 93059							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351467		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.0	37.7	212			

Sample ID: lcs-71856	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 71856		RunNo: 93059							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351489		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	96.5	72.3	137			
Surr: BFB	2200		1000		217	37.7	212			S

Sample ID: mb-71856	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 71856		RunNo: 93059							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351490		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212151

12-Dec-22

Client: EOG
Project: Eagle Creek

Sample ID: mb-71856	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 71856	RunNo: 93059								
Prep Date: 12/5/2022	Analysis Date: 12/6/2022	SeqNo: 3351490			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		101	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 Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212151

12-Dec-22

Client: EOG
Project: Eagle Creek

Sample ID: mb-71848	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 71848	RunNo: 93052								
Prep Date: 12/5/2022	Analysis Date: 12/6/2022	SeqNo: 3351305	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		91.3	70	130			

Sample ID: LCS-71848	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 71848	RunNo: 93052								
Prep Date: 12/5/2022	Analysis Date: 12/6/2022	SeqNo: 3351306	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.7	80	120			
Toluene	0.91	0.050	1.000	0	91.5	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.8	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.4	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.7	70	130			

Sample ID: lcs-71855	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 71855	RunNo: 93059								
Prep Date: 12/5/2022	Analysis Date: 12/6/2022	SeqNo: 3351629	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.4	80	120			
Toluene	0.87	0.050	1.000	0	86.8	80	120			
Ethylbenzene	0.86	0.050	1.000	0	85.7	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.4	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		95.7	70	130			

Sample ID: mb-71855	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 71855	RunNo: 93059								
Prep Date: 12/5/2022	Analysis Date: 12/6/2022	SeqNo: 3351630	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		96.7	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212151

12-Dec-22

Client: EOG
Project: Eagle Creek

Sample ID: ics-71856	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 71856		RunNo: 93059							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351667		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.3	80	120			
Toluene	1.0	0.050	1.000	0	99.7	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.9	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	70	130			

Sample ID: mb-71856	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 71856		RunNo: 93059							
Prep Date: 12/5/2022	Analysis Date: 12/6/2022		SeqNo: 3351669		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2212151 RcptNo: 1

Received By: Tracy Casarrubias 12/3/2022 8:45:00 AM

Completed By: Tracy Casarrubias 12/3/2022 9:19:10 AM

Reviewed By: Jm 12/5/22

Chain of Custody

1. Is Chain of Custody complete? Yes [checked] No [] Not Present []

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes [checked] No [] NA []

4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []

5. Sample(s) in proper container(s)? Yes [checked] No []

6. Sufficient sample volume for indicated test(s)? Yes [checked] No []

7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []

8. Was preservative added to bottles? Yes [] No [checked] NA []

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]

10. Were any sample containers received broken? Yes [] No [checked]

11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes [checked] No []

12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []

13. Is it clear what analyses were requested? Yes [checked] No []

14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: Jm 12/3/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 4.7, Good, Yes, [], [], []

Client: EOG-Artesia / Ranger Env.

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

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type) Excel

Turn-Around Time:

Standard

Rush 5 day

Project Name:

Eyele Creek

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CP): 4.7 - 4.7

Container Type and #

1 x 66.7oz Ice

Preservative Type

22121SP

HEAL No.

001-012

Date Time Matrix Sample Name

12/1/22	0914	Soil	TH-1/3
	0916		TH-1/4
	0946		TH-2/3
	0948		TH-2/4
	1000		TH-3/6
	1069		TH-3/4
	1034		TH-4/3
	1036		TH-4/4
	1052		TH-5/2
	1058		TH-5/4
	1106		TH-6/2
	1112		TH-6/4

Date: 12/2/22

Time: 0740

Date: 12/2/22

Time: 1900

Relinquished by:

W. Kennedy

Relinquished by:

W. Kennedy

Received by:

Admining 12/22 740

Received by:

Admining 12/22 8:45

Remarks: Bill to EOG Artesia



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

BTEX (8021) X X X
 TPH:8015D(GRO / DRO / MRO) X X X
 Chloride (EPA 300) X X X



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

December 30, 2022

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Eagle Creek PL

OrderNo.: 2212D35

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 44 sample(s) on 12/23/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-1

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:15:00 PM

Lab ID: 2212D35-001

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	160	60		mg/Kg	20	12/27/2022 11:22:25 PM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 12:13:39 PM	72331
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 12:13:39 PM	72331
Surr: DNOP	105	21-129		%Rec	1	12/28/2022 12:13:39 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 2:56:00 AM	72306
Surr: BFB	108	37.7-212		%Rec	1	12/28/2022 2:56:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 2:56:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 2:56:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 2:56:00 AM	72306
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 2:56:00 AM	72306
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	12/28/2022 2:56:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-2

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:18:00 PM

Lab ID: 2212D35-002

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	540	60		mg/Kg	20	12/27/2022 11:59:39 PM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 12:28:31 PM	72331
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/28/2022 12:28:31 PM	72331
Surr: DNOP	90.6	21-129		%Rec	1	12/28/2022 12:28:31 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 3:16:00 AM	72306
Surr: BFB	108	37.7-212		%Rec	1	12/28/2022 3:16:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:16:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 3:16:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 3:16:00 AM	72306
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 3:16:00 AM	72306
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	1	12/28/2022 3:16:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-3

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:20:00 PM

Lab ID: 2212D35-003

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	170	60		mg/Kg	20	12/28/2022 12:12:04 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 12:43:00 PM	72331
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 12:43:00 PM	72331
Surr: DNOP	84.3	21-129		%Rec	1	12/28/2022 12:43:00 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 3:36:00 AM	72306
Surr: BFB	108	37.7-212		%Rec	1	12/28/2022 3:36:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:36:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 3:36:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 3:36:00 AM	72306
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 3:36:00 AM	72306
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	12/28/2022 3:36:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-4

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:22:00 PM

Lab ID: 2212D35-004

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	74	60		mg/Kg	20	12/28/2022 12:24:29 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 12:56:29 PM	72331
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/28/2022 12:56:29 PM	72331
Surr: DNOP	93.4	21-129		%Rec	1	12/28/2022 12:56:29 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 3:55:00 AM	72306
Surr: BFB	109	37.7-212		%Rec	1	12/28/2022 3:55:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:55:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 3:55:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 3:55:00 AM	72306
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 3:55:00 AM	72306
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	1	12/28/2022 3:55:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-5

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:24:00 PM

Lab ID: 2212D35-005

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	76	61		mg/Kg	20	12/28/2022 12:36:53 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	12/28/2022 1:09:36 PM	72331
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	12/28/2022 1:09:36 PM	72331
Surr: DNOP	94.4	21-129		%Rec	1	12/28/2022 1:09:36 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 4:15:00 AM	72306
Surr: BFB	99.7	37.7-212		%Rec	1	12/28/2022 4:15:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 4:15:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 4:15:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 4:15:00 AM	72306
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 4:15:00 AM	72306
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	12/28/2022 4:15:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-6

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:26:00 PM

Lab ID: 2212D35-006

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	300	60		mg/Kg	20	12/28/2022 12:49:18 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 1:23:26 PM	72331
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 1:23:26 PM	72331
Surr: DNOP	97.7	21-129		%Rec	1	12/28/2022 1:23:26 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 4:35:00 AM	72306
Surr: BFB	107	37.7-212		%Rec	1	12/28/2022 4:35:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 4:35:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 4:35:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 4:35:00 AM	72306
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 4:35:00 AM	72306
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	12/28/2022 4:35:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WW-7

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:28:00 PM

Lab ID: 2212D35-007

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	74	60		mg/Kg	20	12/28/2022 1:01:43 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 1:37:23 PM	72331
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 1:37:23 PM	72331
Surr: DNOP	79.7	21-129		%Rec	1	12/28/2022 1:37:23 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 4:55:00 AM	72306
Surr: BFB	104	37.7-212		%Rec	1	12/28/2022 4:55:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 4:55:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 4:55:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 4:55:00 AM	72306
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 4:55:00 AM	72306
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	12/28/2022 4:55:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-1

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:40:00 PM

Lab ID: 2212D35-008

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	270	60		mg/Kg	20	12/28/2022 1:14:07 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 1:51:24 PM	72331
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/28/2022 1:51:24 PM	72331
Surr: DNOP	70.4	21-129		%Rec	1	12/28/2022 1:51:24 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 5:14:00 AM	72306
Surr: BFB	111	37.7-212		%Rec	1	12/28/2022 5:14:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 5:14:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 5:14:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 5:14:00 AM	72306
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 5:14:00 AM	72306
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	12/28/2022 5:14:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-2

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:42:00 PM

Lab ID: 2212D35-009

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	320	60		mg/Kg	20	12/28/2022 1:51:20 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 2:05:24 PM	72331
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 2:05:24 PM	72331
Surr: DNOP	80.4	21-129		%Rec	1	12/28/2022 2:05:24 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 5:34:00 AM	72306
Surr: BFB	110	37.7-212		%Rec	1	12/28/2022 5:34:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 5:34:00 AM	72306
Toluene	ND	0.050		mg/Kg	1	12/28/2022 5:34:00 AM	72306
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 5:34:00 AM	72306
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 5:34:00 AM	72306
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	1	12/28/2022 5:34:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-3

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:44:00 PM

Lab ID: 2212D35-010

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	460	60		mg/Kg	20	12/28/2022 2:03:44 AM	72332
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 2:18:59 PM	72331
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 2:18:59 PM	72331
Surr: DNOP	72.5	21-129		%Rec	1	12/28/2022 2:18:59 PM	72331
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 5:54:00 AM	72306
Surr: BFB	110	37.7-212		%Rec	1	12/28/2022 5:54:00 AM	72306
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	12/28/2022 5:54:00 AM	72306
Toluene	ND	0.049		mg/Kg	1	12/28/2022 5:54:00 AM	72306
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 5:54:00 AM	72306
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 5:54:00 AM	72306
Surr: 4-Bromofluorobenzene	122	70-130		%Rec	1	12/28/2022 5:54:00 AM	72306

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-4

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:46:00 PM

Lab ID: 2212D35-011

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	370	60		mg/Kg	20	12/28/2022 1:29:37 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 3:13:37 PM	72340
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 3:13:37 PM	72340
Surr: DNOP	68.1	21-129		%Rec	1	12/28/2022 3:13:37 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/27/2022 8:21:51 PM	72308
Surr: BFB	93.1	37.7-212		%Rec	1	12/27/2022 8:21:51 PM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/27/2022 8:21:51 PM	72308
Toluene	ND	0.050		mg/Kg	1	12/27/2022 8:21:51 PM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/27/2022 8:21:51 PM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/27/2022 8:21:51 PM	72308
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	12/27/2022 8:21:51 PM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-5

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:48:00 PM

Lab ID: 2212D35-012

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	360	60		mg/Kg	20	12/28/2022 1:41:58 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 3:55:15 PM	72340
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 3:55:15 PM	72340
Surr: DNOP	67.0	21-129		%Rec	1	12/28/2022 3:55:15 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/27/2022 9:32:40 PM	72308
Surr: BFB	90.9	37.7-212		%Rec	1	12/27/2022 9:32:40 PM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/27/2022 9:32:40 PM	72308
Toluene	ND	0.050		mg/Kg	1	12/27/2022 9:32:40 PM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/27/2022 9:32:40 PM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/27/2022 9:32:40 PM	72308
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	12/27/2022 9:32:40 PM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-6

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:50:00 PM

Lab ID: 2212D35-013

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	360	59		mg/Kg	20	12/28/2022 1:54:19 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 4:09:09 PM	72340
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/28/2022 4:09:09 PM	72340
Surr: DNOP	67.5	21-129		%Rec	1	12/28/2022 4:09:09 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/27/2022 10:43:28 PM	72308
Surr: BFB	92.0	37.7-212		%Rec	1	12/27/2022 10:43:28 PM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/27/2022 10:43:28 PM	72308
Toluene	ND	0.049		mg/Kg	1	12/27/2022 10:43:28 PM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/27/2022 10:43:28 PM	72308
Xylenes, Total	ND	0.098		mg/Kg	1	12/27/2022 10:43:28 PM	72308
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	12/27/2022 10:43:28 PM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-7

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:52:00 PM

Lab ID: 2212D35-014

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	340	59		mg/Kg	20	12/28/2022 2:06:40 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 4:22:57 PM	72340
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/28/2022 4:22:57 PM	72340
Surr: DNOP	68.7	21-129		%Rec	1	12/28/2022 4:22:57 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/27/2022 11:06:50 PM	72308
Surr: BFB	95.3	37.7-212		%Rec	1	12/27/2022 11:06:50 PM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/27/2022 11:06:50 PM	72308
Toluene	ND	0.050		mg/Kg	1	12/27/2022 11:06:50 PM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/27/2022 11:06:50 PM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/27/2022 11:06:50 PM	72308
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	12/27/2022 11:06:50 PM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-8

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:54:00 PM

Lab ID: 2212D35-015

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	390	60		mg/Kg	20	12/28/2022 2:19:00 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 4:37:15 PM	72340
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 4:37:15 PM	72340
Surr: DNOP	68.8	21-129		%Rec	1	12/28/2022 4:37:15 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/27/2022 11:30:24 PM	72308
Surr: BFB	93.6	37.7-212		%Rec	1	12/27/2022 11:30:24 PM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/27/2022 11:30:24 PM	72308
Toluene	ND	0.050		mg/Kg	1	12/27/2022 11:30:24 PM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/27/2022 11:30:24 PM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/27/2022 11:30:24 PM	72308
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	12/27/2022 11:30:24 PM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-9

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:56:00 PM

Lab ID: 2212D35-016

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	360	60		mg/Kg	20	12/28/2022 2:31:22 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 4:51:41 PM	72340
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 4:51:41 PM	72340
Surr: DNOP	65.2	21-129		%Rec	1	12/28/2022 4:51:41 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/27/2022 11:54:01 PM	72308
Surr: BFB	94.1	37.7-212		%Rec	1	12/27/2022 11:54:01 PM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/27/2022 11:54:01 PM	72308
Toluene	ND	0.049		mg/Kg	1	12/27/2022 11:54:01 PM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/27/2022 11:54:01 PM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/27/2022 11:54:01 PM	72308
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	12/27/2022 11:54:01 PM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-10

Project: Eagle Creek PL

Collection Date: 12/21/2022 3:58:00 PM

Lab ID: 2212D35-017

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	450	59		mg/Kg	20	12/28/2022 2:43:43 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 5:05:32 PM	72340
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 5:05:32 PM	72340
Surr: DNOP	67.4	21-129		%Rec	1	12/28/2022 5:05:32 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 12:17:32 AM	72308
Surr: BFB	96.2	37.7-212		%Rec	1	12/28/2022 12:17:32 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 12:17:32 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 12:17:32 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 12:17:32 AM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 12:17:32 AM	72308
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	12/28/2022 12:17:32 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-11

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:00:00 PM

Lab ID: 2212D35-018

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	470	60		mg/Kg	20	12/28/2022 2:56:03 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 5:19:50 PM	72340
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 5:19:50 PM	72340
Surr: DNOP	70.6	21-129		%Rec	1	12/28/2022 5:19:50 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 12:41:09 AM	72308
Surr: BFB	93.6	37.7-212		%Rec	1	12/28/2022 12:41:09 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 12:41:09 AM	72308
Toluene	ND	0.049		mg/Kg	1	12/28/2022 12:41:09 AM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 12:41:09 AM	72308
Xylenes, Total	ND	0.098		mg/Kg	1	12/28/2022 12:41:09 AM	72308
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	12/28/2022 12:41:09 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-12

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:02:00 PM

Lab ID: 2212D35-019

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	330	60		mg/Kg	20	12/28/2022 3:08:25 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 5:33:22 PM	72340
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/28/2022 5:33:22 PM	72340
Surr: DNOP	68.3	21-129		%Rec	1	12/28/2022 5:33:22 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 1:04:41 AM	72308
Surr: BFB	92.7	37.7-212		%Rec	1	12/28/2022 1:04:41 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 1:04:41 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 1:04:41 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 1:04:41 AM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 1:04:41 AM	72308
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	12/28/2022 1:04:41 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-13

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:04:00 PM

Lab ID: 2212D35-020

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	360	60		mg/Kg	20	12/28/2022 3:20:46 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 5:46:46 PM	72340
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 5:46:46 PM	72340
Surr: DNOP	67.4	21-129		%Rec	1	12/28/2022 5:46:46 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 1:28:15 AM	72308
Surr: BFB	95.7	37.7-212		%Rec	1	12/28/2022 1:28:15 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 1:28:15 AM	72308
Toluene	ND	0.049		mg/Kg	1	12/28/2022 1:28:15 AM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 1:28:15 AM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 1:28:15 AM	72308
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	12/28/2022 1:28:15 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-14

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:06:00 PM

Lab ID: 2212D35-021

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	380	60		mg/Kg	20	12/28/2022 3:57:49 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 6:00:03 PM	72340
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 6:00:03 PM	72340
Surr: DNOP	70.0	21-129		%Rec	1	12/28/2022 6:00:03 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 2:15:34 AM	72308
Surr: BFB	94.2	37.7-212		%Rec	1	12/28/2022 2:15:34 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 2:15:34 AM	72308
Toluene	ND	0.049		mg/Kg	1	12/28/2022 2:15:34 AM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 2:15:34 AM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 2:15:34 AM	72308
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	12/28/2022 2:15:34 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-15

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:08:00 PM

Lab ID: 2212D35-022

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	380	60		mg/Kg	20	12/28/2022 4:10:09 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 6:13:12 PM	72340
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 6:13:12 PM	72340
Surr: DNOP	67.1	21-129		%Rec	1	12/28/2022 6:13:12 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 2:39:11 AM	72308
Surr: BFB	93.3	37.7-212		%Rec	1	12/28/2022 2:39:11 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 2:39:11 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 2:39:11 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 2:39:11 AM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 2:39:11 AM	72308
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	12/28/2022 2:39:11 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-16

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:10:00 PM

Lab ID: 2212D35-023

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	440	60		mg/Kg	20	12/28/2022 4:22:30 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 6:26:26 PM	72340
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 6:26:26 PM	72340
Surr: DNOP	64.7	21-129		%Rec	1	12/28/2022 6:26:26 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 3:02:46 AM	72308
Surr: BFB	94.1	37.7-212		%Rec	1	12/28/2022 3:02:46 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:02:46 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 3:02:46 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 3:02:46 AM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 3:02:46 AM	72308
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	12/28/2022 3:02:46 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-17

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:12:00 PM

Lab ID: 2212D35-024

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	380	60		mg/Kg	20	12/28/2022 4:34:52 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 6:39:27 PM	72340
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 6:39:27 PM	72340
Surr: DNOP	71.0	21-129		%Rec	1	12/28/2022 6:39:27 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 3:26:16 AM	72308
Surr: BFB	95.0	37.7-212		%Rec	1	12/28/2022 3:26:16 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:26:16 AM	72308
Toluene	ND	0.049		mg/Kg	1	12/28/2022 3:26:16 AM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 3:26:16 AM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 3:26:16 AM	72308
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	12/28/2022 3:26:16 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-18

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:14:00 PM

Lab ID: 2212D35-025

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	340	60		mg/Kg	20	12/28/2022 4:47:13 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 6:52:29 PM	72340
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 6:52:29 PM	72340
Surr: DNOP	65.8	21-129		%Rec	1	12/28/2022 6:52:29 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 3:49:58 AM	72308
Surr: BFB	94.0	37.7-212		%Rec	1	12/28/2022 3:49:58 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:49:58 AM	72308
Toluene	ND	0.049		mg/Kg	1	12/28/2022 3:49:58 AM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 3:49:58 AM	72308
Xylenes, Total	ND	0.098		mg/Kg	1	12/28/2022 3:49:58 AM	72308
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	12/28/2022 3:49:58 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-19

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:16:00 PM

Lab ID: 2212D35-026

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	350	60		mg/Kg	20	12/28/2022 4:59:34 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 7:05:26 PM	72340
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 7:05:26 PM	72340
Surr: DNOP	66.7	21-129		%Rec	1	12/28/2022 7:05:26 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 4:13:33 AM	72308
Surr: BFB	92.3	37.7-212		%Rec	1	12/28/2022 4:13:33 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 4:13:33 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 4:13:33 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 4:13:33 AM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 4:13:33 AM	72308
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	12/28/2022 4:13:33 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-20

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:18:00 PM

Lab ID: 2212D35-027

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	430	60		mg/Kg	20	12/28/2022 5:11:55 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 7:18:20 PM	72340
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/28/2022 7:18:20 PM	72340
Surr: DNOP	67.9	21-129		%Rec	1	12/28/2022 7:18:20 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 4:37:10 AM	72308
Surr: BFB	94.3	37.7-212		%Rec	1	12/28/2022 4:37:10 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 4:37:10 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 4:37:10 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 4:37:10 AM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 4:37:10 AM	72308
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	12/28/2022 4:37:10 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-21

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:20:00 PM

Lab ID: 2212D35-028

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	350	60		mg/Kg	20	12/28/2022 5:24:16 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 7:31:44 PM	72340
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 7:31:44 PM	72340
Surr: DNOP	68.6	21-129		%Rec	1	12/28/2022 7:31:44 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 5:00:41 AM	72308
Surr: BFB	92.4	37.7-212		%Rec	1	12/28/2022 5:00:41 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 5:00:41 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 5:00:41 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 5:00:41 AM	72308
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 5:00:41 AM	72308
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	12/28/2022 5:00:41 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-22

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:22:00 PM

Lab ID: 2212D35-029

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	390	59		mg/Kg	20	12/28/2022 5:36:37 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 7:45:20 PM	72340
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 7:45:20 PM	72340
Surr: DNOP	71.2	21-129		%Rec	1	12/28/2022 7:45:20 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 5:24:20 AM	72308
Surr: BFB	96.3	37.7-212		%Rec	1	12/28/2022 5:24:20 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 5:24:20 AM	72308
Toluene	ND	0.049		mg/Kg	1	12/28/2022 5:24:20 AM	72308
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 5:24:20 AM	72308
Xylenes, Total	ND	0.098		mg/Kg	1	12/28/2022 5:24:20 AM	72308
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	12/28/2022 5:24:20 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-23

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:24:00 PM

Lab ID: 2212D35-030

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	400	60		mg/Kg	20	12/28/2022 6:38:22 PM	72350
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 7:59:05 PM	72340
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 7:59:05 PM	72340
Surr: DNOP	70.5	21-129		%Rec	1	12/28/2022 7:59:05 PM	72340
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 5:47:48 AM	72308
Surr: BFB	93.8	37.7-212		%Rec	1	12/28/2022 5:47:48 AM	72308
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 5:47:48 AM	72308
Toluene	ND	0.050		mg/Kg	1	12/28/2022 5:47:48 AM	72308
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 5:47:48 AM	72308
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 5:47:48 AM	72308
Surr: 4-Bromofluorobenzene	87.6	70-130		%Rec	1	12/28/2022 5:47:48 AM	72308

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-24

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:26:00 PM

Lab ID: 2212D35-031

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	410	60		mg/Kg	20	12/29/2022 12:08:32 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 6:01:41 PM	72349
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 6:01:41 PM	72349
Surr: DNOP	91.5	21-129		%Rec	1	12/28/2022 6:01:41 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 10:15:31 AM	72309
Surr: BFB	98.7	37.7-212		%Rec	1	12/28/2022 10:15:31 AM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 10:15:31 AM	72309
Toluene	ND	0.049		mg/Kg	1	12/28/2022 10:15:31 AM	72309
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 10:15:31 AM	72309
Xylenes, Total	ND	0.098		mg/Kg	1	12/28/2022 10:15:31 AM	72309
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	12/28/2022 10:15:31 AM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-25

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:28:00 PM

Lab ID: 2212D35-032

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	370	60		mg/Kg	20	12/29/2022 12:45:45 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 6:25:52 PM	72349
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 6:25:52 PM	72349
Surr: DNOP	93.7	21-129		%Rec	1	12/28/2022 6:25:52 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 10:39:06 AM	72309
Surr: BFB	96.1	37.7-212		%Rec	1	12/28/2022 10:39:06 AM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 10:39:06 AM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 10:39:06 AM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 10:39:06 AM	72309
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 10:39:06 AM	72309
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	12/28/2022 10:39:06 AM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-26

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:30:00 PM

Lab ID: 2212D35-033

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	340	60		mg/Kg	20	12/29/2022 9:46:52 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 6:50:00 PM	72349
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 6:50:00 PM	72349
Surr: DNOP	93.7	21-129		%Rec	1	12/28/2022 6:50:00 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 11:02:43 AM	72309
Surr: BFB	95.8	37.7-212		%Rec	1	12/28/2022 11:02:43 AM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 11:02:43 AM	72309
Toluene	ND	0.049		mg/Kg	1	12/28/2022 11:02:43 AM	72309
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 11:02:43 AM	72309
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 11:02:43 AM	72309
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	12/28/2022 11:02:43 AM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-27

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:32:00 PM

Lab ID: 2212D35-034

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	390	60		mg/Kg	20	12/29/2022 9:59:16 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 7:14:16 PM	72349
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 7:14:16 PM	72349
Surr: DNOP	95.2	21-129		%Rec	1	12/28/2022 7:14:16 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 11:26:16 AM	72309
Surr: BFB	96.0	37.7-212		%Rec	1	12/28/2022 11:26:16 AM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 11:26:16 AM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 11:26:16 AM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 11:26:16 AM	72309
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 11:26:16 AM	72309
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	12/28/2022 11:26:16 AM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-28

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:34:00 PM

Lab ID: 2212D35-035

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	320	60		mg/Kg	20	12/29/2022 10:11:40 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 7:38:31 PM	72349
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 7:38:31 PM	72349
Surr: DNOP	98.9	21-129		%Rec	1	12/28/2022 7:38:31 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 11:49:53 AM	72309
Surr: BFB	99.6	37.7-212		%Rec	1	12/28/2022 11:49:53 AM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 11:49:53 AM	72309
Toluene	ND	0.049		mg/Kg	1	12/28/2022 11:49:53 AM	72309
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 11:49:53 AM	72309
Xylenes, Total	ND	0.098		mg/Kg	1	12/28/2022 11:49:53 AM	72309
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	12/28/2022 11:49:53 AM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-29

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:36:00 PM

Lab ID: 2212D35-036

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	390	60		mg/Kg	20	12/29/2022 10:24:04 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 8:02:46 PM	72349
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 8:02:46 PM	72349
Surr: DNOP	94.7	21-129		%Rec	1	12/28/2022 8:02:46 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 12:13:30 PM	72309
Surr: BFB	96.9	37.7-212		%Rec	1	12/28/2022 12:13:30 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 12:13:30 PM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 12:13:30 PM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 12:13:30 PM	72309
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 12:13:30 PM	72309
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	12/28/2022 12:13:30 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-30

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:38:00 PM

Lab ID: 2212D35-037

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	410	60		mg/Kg	20	12/29/2022 10:36:29 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 8:26:56 PM	72349
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 8:26:56 PM	72349
Surr: DNOP	90.1	21-129		%Rec	1	12/28/2022 8:26:56 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 12:37:05 PM	72309
Surr: BFB	94.9	37.7-212		%Rec	1	12/28/2022 12:37:05 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 12:37:05 PM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 12:37:05 PM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 12:37:05 PM	72309
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 12:37:05 PM	72309
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	12/28/2022 12:37:05 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-31

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:40:00 PM

Lab ID: 2212D35-038

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	410	60		mg/Kg	20	12/29/2022 10:48:54 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 8:51:10 PM	72349
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 8:51:10 PM	72349
Surr: DNOP	91.8	21-129		%Rec	1	12/28/2022 8:51:10 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 1:00:34 PM	72309
Surr: BFB	97.4	37.7-212		%Rec	1	12/28/2022 1:00:34 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 1:00:34 PM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 1:00:34 PM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 1:00:34 PM	72309
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 1:00:34 PM	72309
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	12/28/2022 1:00:34 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-32

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:42:00 PM

Lab ID: 2212D35-039

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	410	60		mg/Kg	20	12/29/2022 11:01:19 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 9:15:09 PM	72349
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/28/2022 9:15:09 PM	72349
Surr: DNOP	92.1	21-129		%Rec	1	12/28/2022 9:15:09 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 1:24:14 PM	72309
Surr: BFB	95.4	37.7-212		%Rec	1	12/28/2022 1:24:14 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 1:24:14 PM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 1:24:14 PM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 1:24:14 PM	72309
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2022 1:24:14 PM	72309
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	12/28/2022 1:24:14 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-33

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:44:00 PM

Lab ID: 2212D35-040

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	380	60		mg/Kg	20	12/29/2022 11:13:44 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/28/2022 10:27:28 PM	72349
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/28/2022 10:27:28 PM	72349
Surr: DNOP	93.2	21-129		%Rec	1	12/28/2022 10:27:28 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 2:11:26 PM	72309
Surr: BFB	96.1	37.7-212		%Rec	1	12/28/2022 2:11:26 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 2:11:26 PM	72309
Toluene	ND	0.049		mg/Kg	1	12/28/2022 2:11:26 PM	72309
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 2:11:26 PM	72309
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 2:11:26 PM	72309
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	12/28/2022 2:11:26 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-34

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:46:00 PM

Lab ID: 2212D35-041

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	440	60		mg/Kg	20	12/29/2022 11:26:08 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 10:51:34 PM	72349
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 10:51:34 PM	72349
Surr: DNOP	90.4	21-129		%Rec	1	12/28/2022 10:51:34 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 2:35:02 PM	72309
Surr: BFB	93.1	37.7-212		%Rec	1	12/28/2022 2:35:02 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 2:35:02 PM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 2:35:02 PM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 2:35:02 PM	72309
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 2:35:02 PM	72309
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	12/28/2022 2:35:02 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-35

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:48:00 PM

Lab ID: 2212D35-042

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	350	60		mg/Kg	20	12/29/2022 11:38:33 AM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 11:15:41 PM	72349
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2022 11:15:41 PM	72349
Surr: DNOP	86.1	21-129		%Rec	1	12/28/2022 11:15:41 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 2:58:30 PM	72309
Surr: BFB	96.0	37.7-212		%Rec	1	12/28/2022 2:58:30 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 2:58:30 PM	72309
Toluene	ND	0.049		mg/Kg	1	12/28/2022 2:58:30 PM	72309
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 2:58:30 PM	72309
Xylenes, Total	ND	0.098		mg/Kg	1	12/28/2022 2:58:30 PM	72309
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	12/28/2022 2:58:30 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-36

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:50:00 PM

Lab ID: 2212D35-043

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	400	60		mg/Kg	20	12/29/2022 12:15:47 PM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/28/2022 11:39:38 PM	72349
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/28/2022 11:39:38 PM	72349
Surr: DNOP	86.6	21-129		%Rec	1	12/28/2022 11:39:38 PM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/28/2022 3:21:53 PM	72309
Surr: BFB	96.5	37.7-212		%Rec	1	12/28/2022 3:21:53 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:21:53 PM	72309
Toluene	ND	0.049		mg/Kg	1	12/28/2022 3:21:53 PM	72309
Ethylbenzene	ND	0.049		mg/Kg	1	12/28/2022 3:21:53 PM	72309
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 3:21:53 PM	72309
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	12/28/2022 3:21:53 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2212D35**

Date Reported: **12/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: WB-37

Project: Eagle Creek PL

Collection Date: 12/21/2022 4:52:00 PM

Lab ID: 2212D35-044

Matrix: SOIL

Received Date: 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	330	60		mg/Kg	20	12/29/2022 12:28:11 PM	72348
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/29/2022 12:04:05 AM	72349
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/29/2022 12:04:05 AM	72349
Surr: DNOP	89.0	21-129		%Rec	1	12/29/2022 12:04:05 AM	72349
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2022 3:45:34 PM	72309
Surr: BFB	97.5	37.7-212		%Rec	1	12/28/2022 3:45:34 PM	72309
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/28/2022 3:45:34 PM	72309
Toluene	ND	0.050		mg/Kg	1	12/28/2022 3:45:34 PM	72309
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2022 3:45:34 PM	72309
Xylenes, Total	ND	0.099		mg/Kg	1	12/28/2022 3:45:34 PM	72309
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	1	12/28/2022 3:45:34 PM	72309

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212D35

30-Dec-22

Client: EOG
Project: Eagle Creek PL

Sample ID: MB-72332	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 72332	RunNo: 93551								
Prep Date: 12/27/2022	Analysis Date: 12/27/2022	SeqNo: 3375896	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-72332	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 72332	RunNo: 93551								
Prep Date: 12/27/2022	Analysis Date: 12/27/2022	SeqNo: 3375897	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	90	110			

Sample ID: MB-72348	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 72348	RunNo: 93596								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3378080	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-72348	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 72348	RunNo: 93596								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3378081	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

Sample ID: MB-72350	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 72350	RunNo: 93620								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3378487	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-72350	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 72350	RunNo: 93620								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3378488	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212D35

30-Dec-22

Client: EOG
Project: Eagle Creek PL

Sample ID: MB-72331	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 72331	RunNo: 93564								
Prep Date: 12/27/2022	Analysis Date: 12/28/2022	SeqNo: 3376327	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	12		10.00		123	21	129			

Sample ID: LCS-72331	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 72331	RunNo: 93564								
Prep Date: 12/27/2022	Analysis Date: 12/28/2022	SeqNo: 3376328	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	15	50.00	0	122	64.4	127			
Surr: DNOP	6.8		5.000		136	21	129			S

Sample ID: MB-72340	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 72340	RunNo: 93564								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3376734	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	6.6		10.00		66.2	21	129			

Sample ID: LCS-72349	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 72349	RunNo: 93577								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3377115	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	15	50.00	0	87.8	64.4	127			
Surr: DNOP	3.2		5.000		64.0	21	129			

Sample ID: MB-72349	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 72349	RunNo: 93577								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3377116	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	7.8		10.00		78.3	21	129			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212D35

30-Dec-22

Client: EOG
Project: Eagle Creek PL

Sample ID: LCS-72340	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 72340	RunNo: 93564								
Prep Date: 12/28/2022	Analysis Date: 12/28/2022	SeqNo: 3377213			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	107	64.4	127			
Surr: DNOP	3.2		5.000		63.9	21	129			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212D35

30-Dec-22

Client: EOG
Project: Eagle Creek PL

Sample ID: mb-72308	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 72308		RunNo: 93549							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375209		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	930		1000		92.7	37.7	212			

Sample ID: lcs-72308	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 72308		RunNo: 93549							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375210		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	1900		1000		191	37.7	212			

Sample ID: lcs-72306	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 72306		RunNo: 93560							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375707		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	2300		1000		228	37.7	212			S

Sample ID: mb-72306	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 72306		RunNo: 93560							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375708		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		101	37.7	212			

Sample ID: mb-72309	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 72309		RunNo: 93580							
Prep Date: 12/23/2022	Analysis Date: 12/28/2022		SeqNo: 3377237		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		96.9	37.7	212			

Sample ID: lcs-72309	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 72309		RunNo: 93580							
Prep Date: 12/23/2022	Analysis Date: 12/28/2022		SeqNo: 3377238		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		96.9	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 Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212D35

30-Dec-22

Client: EOG
Project: Eagle Creek PL

Sample ID: lcs-72309	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 72309		RunNo: 93580							
Prep Date: 12/23/2022	Analysis Date: 12/28/2022		SeqNo: 3377238		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	1900		1000		194	37.7	212			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: R93580		RunNo: 93580							
Prep Date:	Analysis Date: 12/28/2022		SeqNo: 3377272		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	970		1000		97.0	37.7	212			

Sample ID: 2.5ug gro lcs	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: R93580		RunNo: 93580							
Prep Date:	Analysis Date: 12/28/2022		SeqNo: 3377273		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		195	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 Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212D35

30-Dec-22

Client: EOG
Project: Eagle Creek PL

Sample ID: mb-72308	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 72308		RunNo: 93549							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375249		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		87.5	70	130			

Sample ID: LCS-72308	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 72308		RunNo: 93549							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375250		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	1.000	0	81.4	80	120			
Toluene	0.83	0.050	1.000	0	83.3	80	120			
Ethylbenzene	0.83	0.050	1.000	0	82.9	80	120			
Xylenes, Total	2.5	0.10	3.000	0	83.3	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	70	130			

Sample ID: Ics-72306	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 72306		RunNo: 93560							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375760		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.2	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		119	70	130			

Sample ID: mb-72306	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 72306		RunNo: 93560							
Prep Date: 12/23/2022	Analysis Date: 12/27/2022		SeqNo: 3375761		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		114	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/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#: 2212D35

30-Dec-22

Client: EOG
Project: Eagle Creek PL

Sample ID: mb-72309	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 72309		RunNo: 93580							
Prep Date: 12/23/2022	Analysis Date: 12/28/2022		SeqNo: 3377289		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			

Sample ID: LCS-72309	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 72309		RunNo: 93580							
Prep Date: 12/23/2022	Analysis Date: 12/28/2022		SeqNo: 3377290		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	83.8	80	120			
Toluene	0.87	0.050	1.000	0	86.7	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.7	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.0	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.5	70	130			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: R93580		RunNo: 93580							
Prep Date:	Analysis Date: 12/28/2022		SeqNo: 3377313		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91		1.000		90.6	70	130			

Sample ID: 100ng btex lcs	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: R93580		RunNo: 93580							
Prep Date:	Analysis Date: 12/28/2022		SeqNo: 3377314		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.92		1.000		92.2	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: EOG Work Order Number: 2212D35 RcptNo: 1

Received By: Isaiah Ortiz 12/23/2022 8:00:00 AM
Completed By: Isaiah Ortiz 12/23/2022 8:37:31 AM
Reviewed By: [Signature] 12-23-22

IOX
IOX

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: JMC 12/23/22

Special Handling (if applicable)

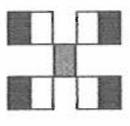
- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Turn-Around Time: Standard Rush 4 hr
 Project Name: Eagle Creek PL
 Project #: 5375

Client: EOG-Artesia / Ranger Env.
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210
 Ranger: PO Box 201179, Austin TX 78720
 Phone #: 521-335-1785
 email or Fax#: Will@RangerEnv.com
 QA/QC Package: Standard Level 4 (Full Validation)
 Accreditation: Az Compliance NELAC Other
 EDD (Type) Excel

Project Manager: W. Kierdorf
 Sampler: Q. Martinez
 On Ice: Yes No
 # of Coolers: 2 0.1 + 0.1 (CF) 0.2°C
 Cooler Temp (including CP): 0.3 + 0.1 (CF) 0.4°C

Container Type and #	Preservative Type	HEAL No.
<u>1x4oz Jar</u>	<u>ICE</u>	<u>2212D35</u>
		<u>001</u>
		<u>002</u>
		<u>003</u>
		<u>004</u>
		<u>005</u>
		<u>006</u>
		<u>007</u>
		<u>008</u>
		<u>009</u>
		<u>010</u>
		<u>011</u>
		<u>012</u>

Date	Time	Matrix	Sample Name
<u>12-21-22</u>	<u>1515</u>	<u>Soil</u>	<u>WW-1</u>
	<u>1518</u>		<u>WW-2</u>
	<u>1520</u>		<u>WW-3</u>
	<u>1522</u>		<u>WW-4</u>
	<u>1524</u>		<u>WW-5</u>
	<u>1526</u>		<u>WW-6</u>
	<u>1528</u>		<u>WW-7</u>
	<u>1540</u>		<u>WB-1</u>
	<u>1542</u>		<u>WB-2</u>
	<u>1544</u>		<u>WB-3</u>
	<u>1546</u>		<u>WB-4</u>
	<u>1548</u>		<u>WB-5</u>

Received by: Q. Martinez Date: 12/29/22 Time: 1945
 Relinquished by: W Date: 12/23/22 Time: 0800

Received by: Bill to EOG Artesia
 Relinquished by: W

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

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210
 Ranger: PO Box 201179, Austin TX 78720
 Phone #: 521-335-1785
 email or Fax#: Will@RangerEnv.com

Turn-Around Time: Standard Rush 48 hr
 Project Name: Eagle Creek PL
 Project #: 5375



www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

QA/QC Package: Standard Level 4 (Full Validation)
 Accreditation: Az Compliance NELAC Other
 EDD (Type) Excel

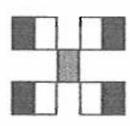
Project Manager: W. Kierdorf
 Sampler: J. Martinez
 On Ice: Yes No
 # of Coolers: _____
 Cooler Temp (including CP): _____

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
12-20-22	1550	soil	WB-6	18402 Jar	ICE	2212035 D13 075
	1532		WB-7			D14 026
	1554		WB-8			D15 027
	1556		WB-9			D16 028
	1558		WB-10			D17 029
	1600		WB-11			D18 030
	1602		WB-12			D19 031
	1604		WB-13			D20 032
	1606		WB-14			D21 033
	1608		WB-15			D22 034
	1610		WB-16			D23 035
	1612		WB-17			D24 036

BTEX (8021) Y X
 TPH:8015D(GRO / DRO / MRO) Y X
 Chloride (EPA 300) _____

Date: 12-20-22 Time: 1347
 Date: 12/28/22 Time: 1900
 Relinquished by: J. Martinez
 Relinquished by: [Signature]
 Received by: [Signature] Date: 12/22/22 Time: 1347
 Received by: _____ Date: _____ Time: _____

Remarks: Bill to EOG Artesia
EO 12137022



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Turn-Around Time:
 Standard Rush 48 hour
 Project Name: Eagle Creek
 Project #: 5375

Client: EOG-Artesia / Ranger Env.
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210
 Ranger: PO Box 201179, Austin TX 78720
 Phone #: 521-335-1785
 email or Fax#: Will@RangerEnv.com

Project Manager: W. Kleidorf

QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC Excel

Sampler: J Martinez
 On Ice: Yes No
 # of Coolers: 2 0.1 + 0.1 / 0.2
 Cooler Temp (including CP): 0.3 + 0.1 / 0.4

Container Type and #
1x402 Jar ICE
 HEAL No. 7217035

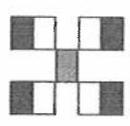
Date	Time	Matrix	Sample Name	Preservative Type	HEAL No.
12-21-23	1614	soil	WB-18	ICE	025
	1616		WB-19		026
	1618		WB-20		027
	1620		WB-21		028
	1622		WB-22		029
	1624		WB-23		030
	1626		WB-24		031
	1628		WB-25		032
	1630		WB-26		033
	1632		WB-27		034
	1634		WB-28		035
	1636		WB-29		036

Received by: [Signature] Date Time: 12/22/23 1347
 Received by: [Signature] Date Time: 12/22/23 0800
 Relinquished by: [Signature] Date Time: 12/22/23 1347
 Relinquished by: [Signature] Date Time: 12/22/23 1900

BTEX (8021) X X X X
 TPH:8015D(GRO / DRO / MRO) X X X X
 Chloride (EPA 300) X

Remarks: Bill to EOG Artesia IO 12/23/2022

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4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Turn-Around Time:
 Standard Rush 48 hour
 Project Name: Eagle Creek PL
 Project #: 5375

Client: EOG-Artesia / Ranger Env.
 Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210
 Ranger: PO Box 201179, Austin TX 78720
 Phone #: 521-335-1785
 email or Fax#: Will@RangerEnv.com

Project Manager: W. Kierdorf
 Sampler: A. Martinez
 On Ice: Yes No
 # of Coolers: 2 0.1 to 0.1 0.2
 Cooler Temp (including CP): 0.3 to 0.1 0.4

QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) Excel

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
12-21-22	1638	Soil	WB-30	1X 1402Jar	TCE	2217035	X	X	X
	1640		WB-31						
	1642		WB-32						
	1644		WB-33						
	1646		WB-34						
	1648		WB-35						
	1650		WB-36						
	1652		WB-37						
			WB-38						

Received by: J. Martinez Date: 12/22/22 Time: 1347
 Relinquished by: Will Date: 12/22/22 Time: 1900
 Remarks: Bill to EOG Artesia

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

ATTACHMENT 4 – NMOCD CORRESPONDENCE

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, December 19, 2022 8:11:44 AM
To: ocd.enviro@emnrd.nm.gov <ocd.enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Eagle Creek Pipeline - West (nAPP2234939378) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Eagle Creek Pipeline - West

C-25-18S-25E

Eddy County, NM

nAPP2234939378

Sampling will begin at 9:00 a.m. on Wednesday, December 21, 2022.

Thank you,

Tina Huerta

Regulatory Specialist

Direct: 575.748.4168

Cell: 575.703.3121

Email: tina.huerta@eogresources.com



Artesia Division

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 171398

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 171398
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2234939378 EAGLE CREEK PIPELINE - WEST, thank you. This closure is approved.	4/10/2023