

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	nAPP2124535531
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 # (assigned by OCD)
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.665845 Longitude -104.580505
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Allison CQ Federal #9	Site Type Well
Date Release Discovered 12/12/2020	API# 30-015-24133

Unit Letter	Section	Township	Range	County
D	15	19S	24E	Eddy

Surface Owner: State Federal Tribal Private (Name: Howell 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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls)
	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 Cause and date of release is unknown. This site has been plugged and abandoned. Initial samples were taken in 12/2020. A third-party environmental consultant has been secured to assist in the remediation and reclamation plan, as well as planning between the private surface owner and BLM. EOG has received permission to move forward with remediation and estimates the release area to be of a reportable size. Additional delineation is required, however the current plan approved by the surface owner is attached to this C-141.

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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 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></u> Date: <u>9/2/2021</u> email: <u>Chase_Settle@eogresources.com</u> Telephone: <u>575-748-1471</u>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>9/7/2021</u>

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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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input 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.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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Remediation Plan

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



PROPOSED ASSESSMENT AND RECLAMATION PLAN

ALLISON CQ FEDERAL #9
UNIT NWNW, SECTION 15, TOWNSHIP 19S, RANGE 24E
EDDY COUNTY, NEW MEXICO
32.665845, -104.580505

PREPARED FOR:

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

PREPARED BY:

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

AUGUST 27, 2021

A handwritten signature in blue ink, appearing to read "CMC", is written over a horizontal line.

Chad M. Copeland, P.G. (TX)
Project Geoscientist

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

William Kierdorf, REM
Project Manager

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BUREAU OF LAND MANAGEMENT NOTICE OF WRITTEN ORDER

FIGURES

- Topographic Map
- Area Map
- Site Map
- Proposed Assessment Map

ATTACHMENTS

- **Attachment 1 – December 2020 EOG Sampling Data**
- **Attachment 2 – Site Photographs**
- **Attachment 3 – James H & Betty R Howell Revocable Trust Seed Mix**



**PROPOSED ASSESSMENT AND RECLAMATION PLAN
ALLISON CQ FEDERAL #9
UNIT NWNW, SECTION 15, TOWNSHIP 19S, RANGE 24E
EDDY COUNTY, NEW MEXICO
32.665845, -104.580505**

1.0 SITE LOCATION AND BACKGROUND

The Allison CQ Federal #9 (Site) is located on private land, approximately 16 miles southwest of Artesia, within Eddy County, New Mexico. The facility is situated in Unit NWNW, Section 15, T19S-R24E at GPS coordinates 32.665845, -104.580505. The well was operated by EOG Resources, Inc. (EOG) prior its plugging and abandonment.

On June 10, 2021, a Bureau of Land Management (BLM) Notice of Written Order was received by EOG regarding the subject Site. The notice outlined surface contamination on the well pad and exposed plastic liner and potential surface contamination within the former reserve pit located north of the well pad. The notice also outlines remaining ROW equipment associated with a flowline adjacent to the location.

In December 2020, EOG personnel conducted assessment sampling of various locations on the facility pad. The assessment process included the collection of soil samples for laboratory analysis. A total of six sample locations were included with samples being collected from various depths at each location. The soil sample analytical results indicate that elevated chloride concentrations are present at the location. Additionally, several soil samples were documented to have elevated TPH concentrations.

EOG has engaged Ranger Environmental Services, Inc. (Ranger) to assist in addressing the outstanding issues at the Site. On June 24, 2021, Ranger and EOG personnel conducted an initial site inspection to document current conditions of the location and determine the appropriate course of action for the Site.

The following Proposed Assessment and Reclamation Plan has been prepared to return the area to pre-operation conditions.

A copy of the BLM Notice of Written Order is attached. A Topographic Map and Area Map noting the location of the subject property and surrounding areas as well as a Site Map illustrating the Site features are provided in the Figures section.

2.0 JUNE 24, 2021 – SITE INSPECTION

On June 24, 2021, Ranger and EOG personnel conducted a site inspection to assess site conditions and determine appropriate actions necessary to address the listed BLM concerns.

Upon inspection, the access road and well pad area are in need of reclamation efforts. Upon inspection of the former reserve pit location, the reported exposed plastic liner and surface contamination were observed.

During the inspection process, areas of concern were identified on the well pad location. Based on the conditions observed, assessment of the areas will be conducted.

At the time of the inspection the noted ROW equipment was observed along the eastern pad boundary. Upon further inspection, it is unclear whether EOG is the responsible party for the equipment.

3.0 PROPOSED ASSESSMENT PLAN

3.1 Areas of Concern Assessment

In order to assess BLM concerns listed in the June 10, 2021 correspondence as well as the areas of concern identified by Ranger on June 24, 2021, the following delineation sampling activities are proposed. To assess the presence and extent of impacts in the area, excavation test holes will be completed for the purpose of soil sample collection.

To assess the areas observed during the June 24, 2021 site inspection, initial sample locations will be located in the immediate vicinity of the observed areas of concern. Additionally, excavation test holes will be advanced in locations to assist in the horizontal delineation of the elevated soil concentrations documented by the December 2020 EOG sampling activities. During the excavation test hole installation process, soils will be 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. The initial excavation test holes will be completed to depths where field reading indicate that soil concentrations are within the applicable NMAC Table 1 closure criteria or to the maximum extent of the available on-site equipment.

Dependent on the levels of impacts observed in the initial excavation test hole locations, additional locations will be completed as necessary to assist in the delineation of elevated soil concentrations. The location and depth of additional delineation excavation test holes will be determined based on the conditions observed within the initial assessment locations. If field readings indicate that elevated concentrations are present, additional excavation test holes will be completed moving outward from the initial sampling locations. Additional test excavations will be completed in this manner until field readings indicate concentrations are within the applicable NMAC Table 1 closure criteria. The completion of excavation test holes in the footprint of the former reserve pit area will not be completed as to not disturb and compromise the stability of the area.

Soil samples for laboratory analysis will be collected from each excavation test hole location. Upon collection, the soil samples will be submitted to a NELAC accredited laboratory 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.

3.2 ROW Equipment

Based on initial review, it is unclear who the correct responsible party is for the ROW equipment. Investigation into the appropriate ownership for the line and equipment will be completed. If the investigation results in the finding that EOG is the responsible party, the equipment and area will be addressed as necessary. In the event that finding concludes that an alternate operator is responsible, an update will be provided and the issue will be addressed by the identified responsible party.

3.3 Area Remediation

Based on the findings of the assessment process in the area, a site investigation and proposed remediation plan will be prepared. The plan will include details of the assessment process, the proposed remediation strategy, and confirmation sampling details. The plan will be prepared in order to bring the area into compliance with the standards outlined in NMAC 19.15.29.

4.0 PROPOSED RECLAMATION PLAN

Upon completion of the remedial process at the Site, the former well pad location will undergo reclamation to bring the site to BLM and NMOCD standards. To complete this process the following items are proposed.

4.1 Debris Removal

Any and all remaining equipment, trash, or debris associated with operation or remedial efforts at the Site will be removed from the location.

4.2 Former Pit Area

During the June 24, 2021 site inspection, surface contamination and exposed plastic pit liner material was observed in the area of the historic reserve pit location. To limit potential leaching, it is proposed to cap the area with a Bentomat Geosynthetic Clay Liner (GCL). Prior to placement, the former pit location will be prepared by removing any items that could potentially damage the liner. The GCL will be placed parallel to the areas natural contours and anchored as necessary to ensure stability of the liner. The area will be capped with two feet of top-soil for re-vegetation purposes and contoured to match the natural contours of the area. Upon completion of the liner and topsoil installation process, the area will be re-seeded in accordance with the Howell Ranch directed seed mixture and application rate.

4.3 Former Well Pad

Following the removal of all surface equipment and initial soils investigation, the caliche or non-native well pad will be removed from the location. Upon completion, additional ripping and seeding activities will be completed. The ripping will be conducted in an east to west direction to assist in limiting potential runoff from the area. The site will be re-seeded in accordance with the Howell Ranch directed seed mixture and application rate.

4.4 Access Road

Upon completion of the assessment, potential remediation, and well pad reclamation efforts at the site, the former well access road will undergo reclamation efforts. The area will undergo deep ripping and reseeding activities. The ripping will be conducted following the path of the access road as to not disturb adjacent areas. Upon completion of the ripping the road area will be re-seeded in accordance with the Howell Ranch directed seed mixture and application rate.

4.5 Site Security

To secure the reclaimed areas from adverse vehicular and/or livestock activity, the entirety of the reclamation areas (road, former pad, remediation area, and pit area) will be surrounded by fencing until reaching the target vegetative cover of approximately 80%. Based on preliminary review of the site location, erosion control berms do not appear necessary at the location. However, if efforts appear warranted as the reclamation process continues they will be installed as necessary.

5.0 SITE MONITORING AND CLOSURE

To monitor the progress of the reclamation efforts, site inspections will be conducted at six month intervals. During the site inspections, the reclaimed areas will be evaluated for vegetation growth, site security measures, and erosional controls. If any issues are observed, additional actions will be implemented to address the issues.

During the inspection process, if a vegetation cover of approximate 80% is believed to be achieved, Ranger will utilize Daubenmire Survey techniques to confirm that the area is in attainment of the target vegetative cover of 80%.

Upon successfully achieving the target re-vegetation level of approximately 80%, a Final Abandonment Notice (FAN) will be submitted. After receiving BLM FAN notice approval, the site security fencing and any other control measures will be removed.



**BUREAU OF LAND MANAGEMENT NOTICE OF
WRITTEN ORDER**

Form 3160-18
(November 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NOTICE OF WRITTEN ORDER

Number 21MBH0021W
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<input checked="" type="checkbox"/> Certified Mail-Return Receipt Requested <input type="checkbox"/> Hand Delivered, Received By and Date		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">Identification</th> </tr> <tr> <td style="width:15%;">Lease</td> <td>NMNM14118</td> </tr> <tr> <td>Agreement</td> <td></td> </tr> </table>	Identification		Lease	NMNM14118	Agreement	
Identification								
Lease	NMNM14118							
Agreement								
Bureau of Land Management Office Carlsbad Field Office		Operator or Third Party EOG RESOURCES INCORPORATED						
Address 620 E. Greene St. Carlsbad, NM 88220		Address						
Telephone 5752345951	Inspector MELISSA HORN	Attention						
Site Name ALLISON CQ FED	Well/Facility/FMP/Identification# 9	Legal Land Description (Include Lat./Long.) NWNW, 15-19S-24E						
Site Name ALLISON CQ FED	Well/Facility/FMP/Identification# 9	Legal Land Description (Include Lat./Long.) NWNW, 15-19S-24E						
Site Name	Well/Facility/FMP/Identification#	Legal Land Description (Include Lat./Long.)						

THE FOLLOWING ISSUE(S) WERE FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE(S) LISTED.

Date	Time (24-hour Clock)	Corrective Action to be Completed By	Date Corrected	Authority Reference
06/10/2021	10:00	08/01/2021		43 CFR 3162.5-1(a)

Remarks:

This location was one of several visited during on onsite to address environmental concerns and problematic locations on the Howell Ranch with Cheryl Howell and Austin Weyent (a contractor with Atkins Engineering Associates). Inspection found the following environmental concerns which are required to be addressed in order to meet BLM reclamation objectives.

- Surface contamination is apparent on reclaimed pad location. In order to properly mitigate and/or lessen the probability of impact surface contamination, and in accordance with 43 CFR 3162.5-1 (c), all contaminated soils need to be excavated and hauled to an authorized land disposal facility and excavated soils replaced with clean material.

- A reserve pit exists to North of the location is required to be reclaimed. Surface contamination as well as exposed plastic liner is present in this location. Prior to commencing ground-disturbing work in this area a work plan must be submitted to BLM to ensure reclamation activities are in compliance with federal agencies and as well as private landowner.

- ROW equipment remains on location. Operator must remove the ROW equipment and reclaim the surrounding and underlying areas. If the service company intends to keep the equipment in place, Operator must provide BLM with a notice of contact to the service company stating that they will



When the Written Order is complied with, sign this notice and return to above address.

Company Representative Signature: _____ Print Name: _____ Date: _____

Company Comments:

In accordance with 43 CFR 3163.1(a), you must comply with the corrective actions for the identified issue(s) by the abatement date provided above. If you fail to comply within the time frames specified, you will be issued an Incident of Noncompliance (INC) in accordance with 43 CFR 3163.1(a), which may include an assessment or additional enforcement actions as deemed necessary to gain compliance.

WARNING

The Authorized Officer has authority to issue a Written Order in accordance with 43 CFR 3161.2. Per 43 CFR 3165.3, Written Order and reporting time frames begin upon receipt of the Notice, or seven business days after the date it is mailed, whichever is earlier. Each issue must be corrected by the "Action to be Completed By" date identified above. This form must be signed, dated, and postmarked no later than the next business day after the prescribed timeframe for correction and returned to the Bureau of Land Management office at the address shown above.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits false, inaccurate, or misleading reports, notices, affidavits, records, data, or other written information required by this part shall be liable for a civil penalty per violation for each day such violation continues.

REVIEW AND APPEAL RIGHTS

A person contesting an Order of the Authorized Officer or violation must request a State Director Review of the Written Order or Incident of Noncompliance. This request must be filed within 20 business days of receipt of the Written Order with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, MS 300-QC, Arlington, Virginia 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer	Date	Time (24-hour Clock)
---	------	----------------------

Remarks:

This location was one of several visited during on onsite to address environmental concerns and problematic locations on the Howell Ranch with Cheryl Howell and Austin Weyent (a contractor with Atkins Engineering Associates). Inspection found the following environmental concerns which are required to be addressed in order to meet BLM reclamation objectives.

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- A reserve pit exists to North of the location is required to be reclaimed. Surface contamination as well as exposed plastic liner is present in this location. Prior to commencing ground-disturbing work in this area a work plan must be submitted to BLM to ensure reclamation activities are in compliance with federal agencies and as well as private landowner.

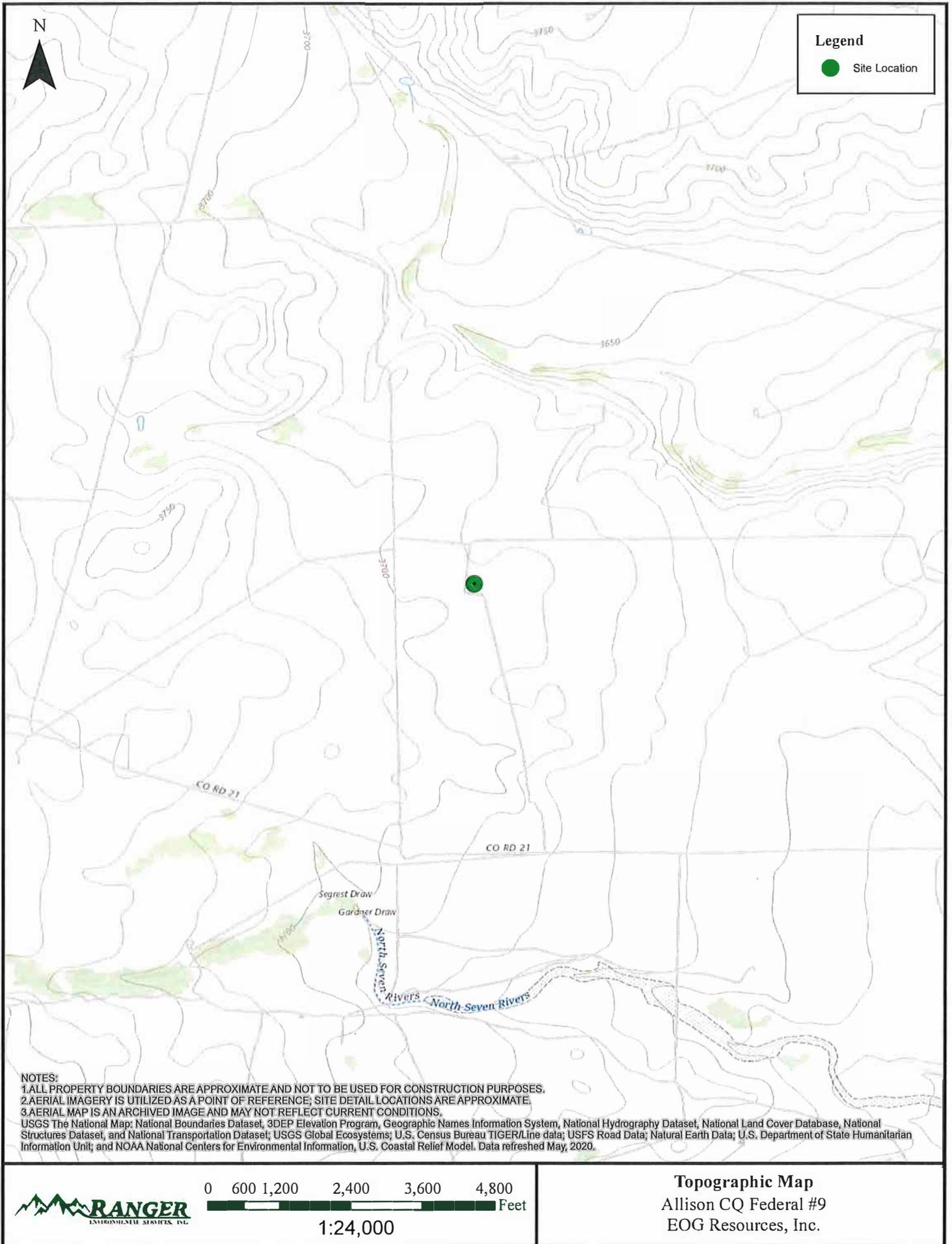
- ROW equipment remains on location. Operator must remove the ROW equipment and reclaim the surrounding and underlying areas. If the service company intends to keep the equipment in place, Operator must provide BLM with a notice of contact to the service company stating that they will remove the equipment at a later date and take responsibility for the subsequent reclamation of the areas in need of additional reclamation work.

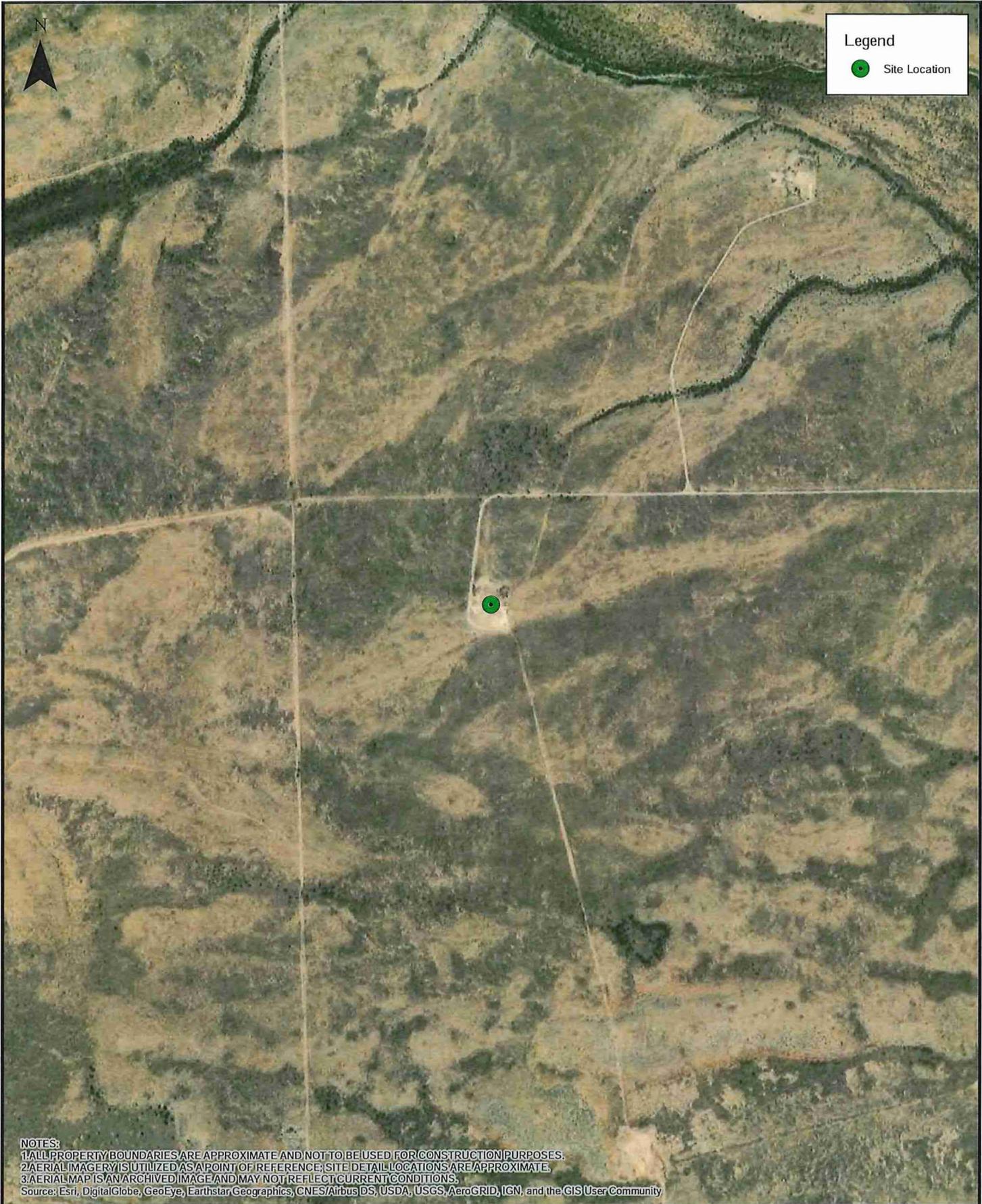
The above issues must be remedied prior to the specified abatement date in order to avoid further enforcement action. Return signed I&E Copy to the office via mail or email once completed. Feel free to contact me with any questions, concerns, onsite requests, or if you are unable to address these issues at this time.

Attn: Melissa Horn, Environmental Protection Specialist
620 E Greene Street
Carlsbad, NM 88220
Phone: (575) 988-5122
Email: mhorn@blm.gov

FIGURES

TOPOGRAPHIC MAP
AREA MAP
SITE MAP
PROPOSED ASSESSMENT MAP





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



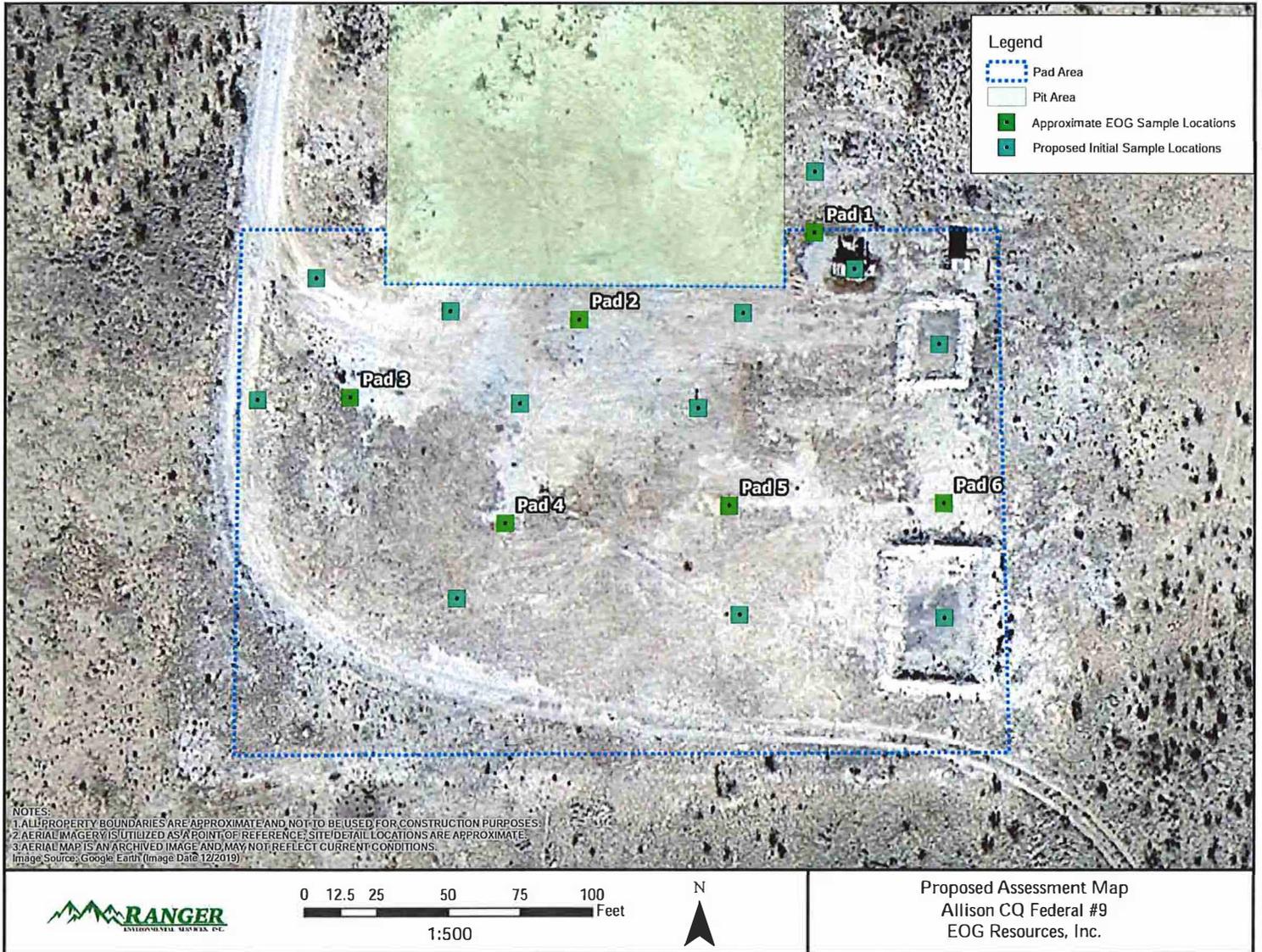
Area Map
 Allison CQ Federal #9
 EOG Resources, Inc.



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



Site Map
 Allison CQ Federal #9
 EOG Resources, Inc.



**ATTACHMENT 1 – December 2020 EOG
Sampling Data**



SOILBTEX (EPA 8021B), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA												
ALLISON CQ FEDERAL #9												
EDDY COUNTY, NEW MEXICO												
All values presented in parts per million (mg/Kg)												
SAMPLE ID	DATE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C35	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
December 2020 - EOG Collected Soil Samples												
Pad 1.1	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	19,500	47,200	19,500	68,700	155
Pad 1.2	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	14,400	32,400	14,400	46,800	166
Pad 1.3	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	38.1	97.5	38.1	136	27.2
Pad 1.4	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	22.9
Pad 2.1	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	1,880
Pad 2.2	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	2,650
Pad 2.3	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	776
Pad 2.4	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	733
Pad 3.SU	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	51.9	<45.0	51.9	185
Pad 3.1	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	2,780
Pad 3.2	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	3,330
Pad 3.3	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	1,680
Pad 3.4	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	1,230
Pad 4.S	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	250	<50.0	250	250	113
Pad 4.1	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	110	<50.0	110	110	227
Pad 4.2	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	78.4	<50.0	78.4	78.4	431
Pad 4.3	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	1,010
Pad 4.4	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	882
Pad 5.SU	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	140
Pad 5.1	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	121
Pad 5.2	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	410
Pad 5.3	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	690
Pad 5.4	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	330
Pad 6.SU	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	<20.0
Pad 6.1	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	<20.0
Pad 6.2	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	26.1
Pad 6.3	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	<20.0
Pad 6.4	12/11/2020	<0.025	<0.025	<0.025	<0.025	<0.1	<20.0	<25.0	<50.0	<45.0	<95.0	22.6
19.15.29.13 NMAC Reclamation Criteria		10²		50²		100²		800				
		(0-4" Soils Only)										
Notes:												
1. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.												
2. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document <i>Procedures for the Implementation of the Spill Rule</i> (19.15.29 NMAC) dated September 6, 2019.												

NA = Not Analyzed
 TPH = Total Petroleum Hydrocarbons
 mg/Kg = Milligrams per Kilogram

Report to:
Robert Asher



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources Inc. - Carlsbad

Project Name: Allison CQ Federal #9
 Work Order: E012047
 Job Number: 19034-0001
 Received: 12/12/2020

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/15/20

Envirotech Inc. certifies the test results meet all requirements of TNi unless noted otherwise.
 Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
 Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
 Envirotech Inc, holds the Utah TNi certification NM009792018-1 for data reported.
 Envirotech Inc, holds the Texas TNi certification T104704557-19-2 for data reported.

Date Reported: 12/15/20

Robert Asher
104 South 4th Street
Artesia, NM 88210



Project Name: Allison CQ Federal #9
Workorder: E012047
Date Received: 12/12/2020 10:45:00AM

Robert Asher,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/12/2020 10:45:00AM, under the Project Name: Allison CQ Federal #9.

The analytical test results summarized in this report with the Project Name: Allison CQ Federal #9 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/20 12:20
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Pad 5.2	E012047-01A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 5.3	E012047-02A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 5.4	E012047-03A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 6.SU	E012047-04A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 6.1	E012047-05A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 6.2	E012047-06A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 6.3	E012047-07A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 6.4	E012047-08A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 5.2

E012047-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		123 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>		80.5 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	410	20.0	1	12/14/20	12/14/20	



Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 5.3

E012047-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
Surrogate: 4-Bromochlorobenzene-PID		118 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
Surrogate: n-Nonane		76.8 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	680	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 5.4

E012047-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.5 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
		95.1 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	330	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 6.SU

E012047-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	ND	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 6.1

E012047-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.6 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
		91.7 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	ND	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 6.2

E012047-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.9 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
		91.9 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	26.1	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 6.3

E012047-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		124 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>		95.5 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	ND	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Pad 6.4

E012047-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2051002
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.8 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051003
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051006
Chloride	22.6	20.0	1	12/14/20	12/14/20	

QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051002-BLK1)

Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	9.99		8.00		125	70-130			

LCS (2051002-BS1)

Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	4.99	0.0250	5.00		99.7	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130			
p,m-Xylene	9.97	0.0500	10.0		99.7	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
Total Xylenes	15.0	0.0250	15.0		99.8	70-130			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	10.4		8.00		130	70-130			

Matrix Spike (2051002-MS1)

Source: E012047-01 Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	5.13	0.0250	5.00	ND	103	54-133			
Toluene	5.13	0.0250	5.00	ND	103	61-130			
Ethylbenzene	5.05	0.0250	5.00	ND	101	61-133			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	10.4		8.00		130	70-130			

Matrix Spike Dup (2051002-MSD1)

Source: E012047-01 Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	4.94	0.0250	5.00	ND	98.8	54-133	3.78	20	
Toluene	4.94	0.0250	5.00	ND	98.9	61-130	3.70	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	61-133	3.00	20	
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	63-131	3.05	20	
o-Xylene	4.97	0.0250	5.00	ND	99.3	63-131	3.14	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.2	63-131	3.08	20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	10.5		8.00		132	70-130			S3

QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051002-BLK1)

Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

LCS (2051002-BS2)

Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			

Matrix Spike (2051002-MS2)

Source: E012047-01 Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			

Matrix Spike Dup (2051002-MSD2)

Source: E012047-01 Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130	2.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051003-BLK1)

Prepared: 12/14/20 Analyzed: 12/14/20

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
<i>Surrogate: n-Nonane</i>	47.2		50.0		94.4	50-200			

LCS (2051003-BS1)

Prepared: 12/14/20 Analyzed: 12/14/20

Diesel Range Organics (C10-C28)	402	25.0	500		80.5	38-132			
<i>Surrogate: n-Nonane</i>	48.4		50.0		96.8	50-200			

Matrix Spike (2051003-MS1)

Source: E012047-01 Prepared: 12/14/20 Analyzed: 12/14/20

Diesel Range Organics (C10-C28)	435	25.0	500	ND	87.1	38-132			
<i>Surrogate: n-Nonane</i>	44.2		50.0		88.4	50-200			

Matrix Spike Dup (2051003-MSD1)

Source: E012047-01 Prepared: 12/14/20 Analyzed: 12/14/20

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	15.7	20	
<i>Surrogate: n-Nonane</i>	58.4		50.0		117	50-200			

QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 12:20:15PM
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Anions by EPA 300.0/9056A

Analyst: NE

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051006-BLK1)

Prepared: 12/14/20 Analyzed: 12/14/20

Chloride ND 20.0

LCS (2051006-BS1)

Prepared: 12/14/20 Analyzed: 12/14/20

Chloride 254 20.0 250 102 90-110

Matrix Spike (2051006-MS1)

Source: E012047-01 Prepared: 12/14/20 Analyzed: 12/14/20

Chloride 647 20.0 250 410 95.0 80-120

Matrix Spike Dup (2051006-MSD1)

Source: E012047-01 Prepared: 12/14/20 Analyzed: 12/14/20

Chloride 625 20.0 250 410 86.0 80-120 3.54 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources Inc. - Carlsbad	Project Name:	Allison CQ Federal #9	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	12/15/20 12:20

S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information				Chain of Custody				Page 3 of 3							
Client: EOG Resources, Inc. Project: Allison CQ Federal #9 Project Manager: Robert Asher Address: 104 South 4th Street City, State, Zip: Artesia, NM 88210 Phone: (575) 748-4217 Email: robert_asher@eogresources.com				Report Attention Report due by: 12/14/2020 Attention: Robert Asher Address: 104 South 4th Street City, State, Zip: Artesia, NM 88210 Phone: (575) 748-4217 Email: robert_asher@eogresources.com				Lab Use Only Lab WO# PE012047190340001 Job Number Analysis and Method State				TAT EPA Program RCRA CWA SDWA NM CO UT AZ			
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GMO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks			
7:23 AM	12/11/20	S	1	Pad5.2	1	X	X	X		X		BGDOC			
7:25 AM	12/11/20	S	1	Pad5.3	2	X	X	X		X		BGDOC			
7:26 AM	12/11/20	S	1	Pad5.4	3	X	X	X		X		BGDOC			
7:27 AM	12/11/20	S	1	Pad6.SU	4	X	X	X		X		BGDOC			
7:28 AM	12/11/20	S	1	Pad6.1	5	X	X	X		X		BGDOC			
7:30 AM	12/11/20	S	1	Pad6.2	6	X	X	X		X		BGDOC			
7:31 AM	12/11/20	S	1	Pad6.3	7	X	X	X		X		BGDOC			
7:32 AM	12/11/20	S	1	Pad6.4	8	X	X	X		X		BGDOC			
Additional Instructions: PO# 205632 I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____ Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.															
Relinquished by: (Signature) _____ Date: 12/11/2020 Time: 11:53 AM				Received by: (Signature) _____ Date: 12/12/20 Time: 10:45				Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4				Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															
				5796 US Highway 64, Farmington, NM 87401 24 hour Emergency Response Phone (800) 362-1879				Ph (505) 632-0615 FX (505) 632-1865				envirotech-inc.com labadmin@envirotech-inc.com			

Envirotech Analytical Laboratory

Printed: 12/12/2020 12:37:37PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: EOG Resources Inc. - Carlsbad	Date Received: 12/12/20 10:45	Work Order ID: E012047
Phone: (575) 748-4217	Date Logged In: 12/12/20 12:00	Logged In By: Alexa Michaels
Email: robert_asher@egresources.com	Due Date: 12/14/20 17:00 (0 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fed Ex

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? Yes
 - 11. If yes, were custody/security seals intact? Yes
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/ 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Comments/Resolution

Project samples have been split into two halves. This report will have samples Pad 5.2 to Pad 6.4. COC page 3 of 3. Total of 8 samples on this report.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Robert Asher



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources Inc. - Carlsbad

Project Name: Allison CQ Federal #9
 Work Order: E012046
 Job Number: 19034-0001
 Received: 12/12/2020

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/15/20

Envirotech Inc. certifies the test results meet all requirements of TNi unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNi certification NM009792018-1 for data reported.
Envirotech Inc, holds the Texas TNi certification T104704557-19-2 for data reported.

Date Reported: 12/15/20

Robert Asher
104 South 4th Street
Artesia, NM 88210



Project Name: Allison CQ Federal #9
Workorder: E012046
Date Received: 12/12/2020 10:45:00AM

Robert Asher,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/12/2020 10:45:00AM, under the Project Name: Allison CQ Federal #9.

The analytical test results summarized in this report with the Project Name: Allison CQ Federal #9 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Office: 505-632-1881
labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/20 14:58
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Pad 1.1	E012046-01A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 1.2	E012046-02A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 1.3	E012046-03A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 1.4	E012046-04A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 2.1	E012046-05A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 2.2	E012046-06A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 2.3	E012046-07A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 2.4	E012046-08A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 3.SU	E012046-09A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 3.1	E012046-10A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 3.2	E012046-11A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 3.3	E012046-12A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 3.4	E012046-13A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 4.S	E012046-14A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 4.SU					
Pad 4.1	E012046-15A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 4.2	E012046-16A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 4.3	E012046-17A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 4.4	E012046-18A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 5.SU	E012046-19A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.
Pad 5.1	E012046-20A	Soil	12/11/20	12/12/20	Glass Jar, 4 oz.

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 1.1

E012046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.5 %	70-130	12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	19500	500	20	12/14/20	12/15/20	
Oil Range Organics (C28-C35)	47200	5000	100	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>		157 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	155	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 1.2

E012046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.0 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	14400	2500	100	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	32400	5000	100	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	161 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	166	20.0	1	12/14/20	12/14/20	



Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 1.3

E012046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
Surrogate: 4-Bromochlorobenzene-PID	99.9 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	83.6 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	38.1	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	97.5	50.0	1	12/14/20	12/14/20	
Surrogate: n-Nonane	87.5 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	27.2	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 1.4

E012046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.6 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	87.6 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	22.9	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 2.1

E012046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.8 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	84.0 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>	89.5 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	1880	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 2.2

E012046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.6 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	95.7 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	2650	40.0	2	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 2.3

E012046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.8 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	98.6 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	776	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 2.4

E012046-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/13/20	
Toluene	ND	0.0250	1	12/13/20	12/13/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/13/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/13/20	
o-Xylene	ND	0.0250	1	12/13/20	12/13/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/13/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/13/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.7 %	70-130		12/13/20	12/13/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	92.1 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	793	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 3.SU

E012046-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
Surrogate: 4-Bromochlorobenzene-PID	98.9 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	84.1 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	51.9	50.0	1	12/14/20	12/14/20	
Surrogate: n-Nonane	97.8 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	185	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 3.1

E012046-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-BromochlorobenzenePID</i>	99.2 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	83.5 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>	96.5 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	2780	40.0	2	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 3.2

E012046-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.5 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>		98.3 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	3300	40.0	2	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 3.3

E012046-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.9 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	95.4 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	1680	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 3.4

E012046-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	83.4 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
Surrogate: n-Nonane	84.9 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	1230	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 4.S

E012046-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.3 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	250	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	113	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 4.1

E012046-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.8 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	82.2 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	110	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>	87.1 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	227	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 4.2

E012046-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	78.4	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
Surrogate: n-Nonane		83.7 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	431	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 4.3

E012046-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.2 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
	74.9 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	1010	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 4.4

E012046-18

Analyte	Result	Reporting		Dilution	Prepared	Analyzed	Notes
		Limit					
Volatile Organics by EPA 8021B		mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250		1	12/13/20	12/14/20	
Toluene	ND	0.0250		1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250		1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500		1	12/13/20	12/14/20	
o-Xylene	ND	0.0250		1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250		1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130		12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0		1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0		1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>		84.3 %	50-200		12/14/20	12/14/20	
Anions by EPA 300.0/9056A		mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	982	20.0		1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 5.SU
E012046-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.7 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>		89.3 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	140	20.0	1	12/14/20	12/14/20	

Sample Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Pad 5.1

E012046-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Benzene	ND	0.0250	1	12/13/20	12/14/20	
Toluene	ND	0.0250	1	12/13/20	12/14/20	
Ethylbenzene	ND	0.0250	1	12/13/20	12/14/20	
p,m-Xylene	ND	0.0500	1	12/13/20	12/14/20	
o-Xylene	ND	0.0250	1	12/13/20	12/14/20	
Total Xylenes	ND	0.0250	1	12/13/20	12/14/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2051001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/20	12/14/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.2 %	70-130	12/13/20	12/14/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2051004
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/20	12/14/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/14/20	12/14/20	
<i>Surrogate: n-Nonane</i>						
		92.9 %	50-200	12/14/20	12/14/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2051005
Chloride	121	20.0	1	12/14/20	12/14/20	



QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051001-BLK1)

Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101		70-130		

LCS (2051001-BS1)

Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	5.11	0.0250	5.00		102		70-130		
Toluene	5.22	0.0250	5.00		104		70-130		
Ethylbenzene	5.17	0.0250	5.00		103		70-130		
p,m-Xylene	10.2	0.0500	10.0		102		70-130		
o-Xylene	5.13	0.0250	5.00		103		70-130		
Total Xylenes	15.3	0.0250	15.0		102		70-130		
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103		70-130		

Matrix Spike (2051001-MS1)

Source: E012046-01 Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	5.00	0.0250	5.00	ND	99.9		54-133		
Toluene	5.13	0.0250	5.00	ND	103		61-130		
Ethylbenzene	5.07	0.0250	5.00	ND	101		61-133		
p,m-Xylene	10.0	0.0500	10.0	ND	100		63-131		
o-Xylene	5.02	0.0250	5.00	ND	100		63-131		
Total Xylenes	15.1	0.0250	15.0	ND	100		63-131		
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101		70-130		

Matrix Spike Dup (2051001-MSD1)

Source: E012046-01 Prepared: 12/13/20 Analyzed: 12/14/20

Benzene	5.26	0.0250	5.00	ND	105	54-133	5.06	20	
Toluene	5.35	0.0250	5.00	ND	107	61-130	4.08	20	
Ethylbenzene	5.29	0.0250	5.00	ND	106	61-133	4.32	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	3.77	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.83	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	3.46	20	
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051001-BLK1)

Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.80		8.00		85.0	70-130			

LCS (2051001-BS2)

Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matrix Spike (2051001-MS2)

Source: E012046-01 Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.79		8.00		84.9	70-130			

Matrix Spike Dup (2051001-MSD2)

Source: E012046-01 Prepared: 12/13/20 Analyzed: 12/14/20

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130	0.393	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.3	70-130			

QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051004-BLK1)

Prepared: 12/14/20 Analyzed: 12/14/20

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			

LCS (2051004-BS1)

Prepared: 12/14/20 Analyzed: 12/14/20

Diesel Range Organics (C10-C28)	424	25.0	500		84.8	38-132			
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			

Matrix Spike (2051004-MS1)

Source: E012046-01 Prepared: 12/14/20 Analyzed: 12/15/20

Diesel Range Organics (C10-C28)	21000	500	500	19500	293	38-132			M4
Surrogate: n-Nonane	43.0		50.0		85.9	50-200			

Matrix Spike Dup (2051004-MSD1)

Source: E012046-01 Prepared: 12/14/20 Analyzed: 12/15/20

Diesel Range Organics (C10-C28)	20900	500	500	19500	277	38-132	0.383	20	M4
Surrogate: n-Nonane	45.5		50.0		90.9	50-200			

QC Summary Data

EOG Resources Inc. - Carlsbad 104 South 4th Street Artesia NM, 88210	Project Name: Allison CQ Federal #9 Project Number: 19034-0001 Project Manager: Robert Asher	Reported: 12/15/2020 2:58:57PM
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Anions by EPA 300.0/9056A

Analyst: NE

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2051005-BLK1)

Prepared: 12/14/20 Analyzed: 12/14/20

Chloride ND 20.0

LCS (2051005-BS1)

Prepared: 12/14/20 Analyzed: 12/14/20

Chloride 253 20.0 250 101 90-110

Matrix Spike (2051005-MS1)

Source: E012046-01 Prepared: 12/14/20 Analyzed: 12/14/20

Chloride 413 20.0 250 155 103 80-120

Matrix Spike Dup (2051005-MSD1)

Source: E012046-01 Prepared: 12/14/20 Analyzed: 12/14/20

Chloride 407 20.0 250 155 101 80-120 1.52 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

EOG Resources Inc. - Carlsbad	Project Name:	Allison CQ Federal #9	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	12/15/20 14:58

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information		Chain of Custody				Page 1 of 3							
Client: EOG Resources, Inc. Project: Allison CQ Federal #9 Project Manager: Robert Asher Address: 104 South 4th Street City, State, Zip Artesia, NM 88210 Phone: (575) 748-4217 Email: robert.asher@eogresources.com		Report Attention Report due by: 12/14/2020 Attention: Robert Asher Address: 104 South 4th Street City, State, Zip Artesia, NM 88210 Phone: (575) 748-4217 Email: robert.asher@eogresources.com		Lab Use Only Lab WO# FE0204010340001 Job Number 10340001		TAT 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>		EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/>					
				Analysis and Method				State					
								NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/>					
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks	
6:53 AM	12/11/20	S	1	Pad1.1	1	X	X	X		X		BGDOC	
6:54 AM	12/11/20	S	1	Pad1.2	2	X	X	X		X		BGDOC	
6:56 AM	12/11/20	S	1	Pad1.3	3	X	X	X		X		BGDOC	
6:58 AM	12/11/20	S	1	Pad1.4	4	X	X	X		X		BGDOC	
7:01 AM	12/11/20	S	1	Pad2.1	5	X	X	X		X		BGDOC	
7:02 AM	12/11/20	S	1	Pad2.2	6	X	X	X		X		BGDOC	
7:04 AM	12/11/20	S	1	Pad2.3	7	X	X	X		X		BGDOC	
7:05 AM	12/11/20	S	1	Pad2.4	8	X	X	X		X		BGDOC	
7:06 AM	12/11/20	S	1	Pad3.SU	9	X	X	X		X		BGDOC	
7:07 AM	12/11/20	S	1	Pad3.1	10	X	X	X		X		BGDOC	
Additional Instructions: PO# 205632 I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>[Signature]</u> Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.													
Relinquished by: (Signature) <u>[Signature]</u>		Date	Time	Received by: (Signature) <u>[Signature]</u>		Date	Time	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		Lab Use Only			
Relinquished by: (Signature)		Date	Time	Received by: (Signature) <u>[Signature]</u>		Date	Time	T1	T2	T3	AVG Temp °C <u>4</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other								Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.													
				5796 US Highway 64, Farmington, NM 87401 24 hour Emergency Response Phone (800) 362-1879				Ph (505) 632-0615 FX (505) 632-1865				envirotech inc.com labadmin@envirotech inc.com	

Project Information		Chain of Custody										Page 2 of 3								
Client: EOG Resources, Inc.		Report Attention					Lab Use Only					EPA Program								
Project: Allison CQ Federal #9		Report due by: 12/14/2020					Lab WO#		Job Number			1D	3D	RCRA	CWA	SDWA				
Project Manager: Robert Asher		Attention: Robert Asher					R E020410190310001					X								
Address: 104 South 4th Street		Address: 104 South 4th Street					Analysis and Method										State			
City, State, Zip Artesia, NM 88210		City, State, Zip Artesia, NM 88210					DRO/DRO by 8015	ENO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					NM	CO	UT	AZ
Phone: (575) 748-4217		Phone: (575) 748-4217															X			
Email: robert.asher@eogresources.com		Email: robert.asher@eogresources.com																		
Time Sampled	Date Sampled	Matrix	N. No Containers	Sample ID	Lab Number	DRO/DRO by 8015	ENO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0									Remarks
7:09 AM	12/11/20	S	1	Pad3.2	11	X	X	X			X									BGDOC
7:10 AM	12/11/20	S	1	Pad3.3	12	X	X	X			X									BGDOC
7:12 AM	12/11/20	S	1	Pad3.4	13	X	X	X			X									BGDOC
7:13 AM	12/11/20	S	1	Pad4.SU	14	X	X	X			X									BGDOC
7:15 AM	12/11/20	S	1	Pad4.1	15	X	X	X			X									BGDOC
7:16 AM	12/11/20	S	1	Pad4.2	16	X	X	X			X									BGDOC
7:17 AM	12/11/20	S	1	Pad4.3	17	X	X	X			X									BGDOC
7:19 AM	12/11/20	S	1	Pad4.4	18	X	X	X			X									BGDOC
7:20 AM	12/11/20	S	1	Pad5.SU	19	X	X	X			X									BGDOC
7:21 AM	12/11/20	S	1	Pad5.1	20	X	X	X			X									BGDOC
Additional Instructions:																				
PO# 205632																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only								
		12/11/2020		11:53 AM								Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1			T2			T3		
								12/12/20		10:45		AVG Temp °C: 4								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				
						5796 US Highway 64, Farmington, NM 87401 24 hour Emergency Response Phone (800) 362-1879						Ph (505) 632-0615 FX (505) 632-1865						envirotech-inc.com labadmin@envirotech-inc.com		

Envirotech Analytical Laboratory

Printed: 12/12/2020 12:40:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: EOG Resources Inc. - Carlsbad	Date Received: 12/12/20 10:45	Work Order ID: E012046
Phone: (575) 748-4217	Date Logged In: 12/12/20 11:55	Logged In By: Alexa Michaels
Email: robert_asher@eogresources.com	Due Date: 12/14/20 17:00 (0 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fed Ex

Comments/Resolution

Project samples have been split into two halves. This report will have samples Pad 1.1 to Pad 5.1. COC page 1 and 2 of 3. Total of 20 samples on this report.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? Yes
 - 11. If yes, were custody/security seals intact? Yes
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

ATTACHMENT 2 – Site Photographs



PHOTOGRAPH NO. 1 – A view of the well pad area during the June 24, 2021 site visit. The view is towards the northwest.



PHOTOGRAPH NO. 2 – A view of the pit area during the June 24, 2021 site visit. The view is towards the northeast.



PHOTOGRAPH NO. 3 – A view of the former well head location. The view is towards the south.



PHOTOGRAPH NO. 4 – A view of the northeastern corner of the pad containing ROW equipment. The view is towards the northeast.

**ATTACHMENT 2 – James H & Betty R Howell
Revocable Trust Seed Mix**

James H & Betty R Howell Revocable Trust Seed Mix

1lb per acre of Plains Bristlegrass

2lbs per acre of Green Sprangletop

3lbs per acre of Side Oats Gramma

2lbs per acre of Blue Gramma

Increase to 16lbs per acre if broadcast.

Add Reclamation Mix

40% Ryegrass (Annual)

10% Millet

7.5% Kleingrass

5.7% Sideoats

5% Green Sprangletop

7.5% Bristlegrass

10% Western Wheatgrass

10% Buffalograss

2.5% Blue Grama

PLANTING RATE 20 lbs. per acre

Updated 5/23/2021

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 46077

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 46077
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	9/7/2021