

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	nAPP2214650299
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	EOG Resources, Inc.	OGRID	7377
Contact Name	Jeremy Haass	Contact Telephone	575-748-1471
Contact email	Jeremy_Haass@eogresources.com	Incident #	nAPP2214650299
Contact mailing address	104 S. 4th Street, Artesia, NM 88210		

Location of Release Source

Latitude 32.5938416 Longitude -104.5696945
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Ocotillo ACI Federal #1	Site Type	Battery
Date Release Discovered	5/26/2022	API#	30-015-26338

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

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

Nature and Volume of Release

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

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

Cause of Release
Historical impacts were discovered during the decommissioning process of the location. The environmental consultant contracted to investigate the area determined on 5/26/2022, based on the impacted area footprint, that the release more than likely breached the reportable volume threshold.

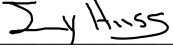
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<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

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>Jeremy Haass</u>	Title: <u>Sr. Safety & Environmental Specialist</u>
Signature: <u></u>	Date: <u>5/26/22</u>
email: <u>jeremy_haass@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>05/26/2022</u>

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Oil Conservation Division

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

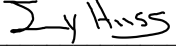
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile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

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

State of New Mexico
Oil Conservation Division

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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: Jeremy Haass Title: Sr, Safety & Environmental Specialist
Signature:  Date: 08/24/22
email: jeremy_haass@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 08/24/2022

Incident ID	NAPP2214650299
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Remediation Plan

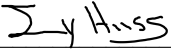
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: Jeremy Haass Title: Sr. Safety & Environmental Specialist
Signature:  Date: 8/24/22
email: jeremy_haass@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 08/24/2022

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

Signature:  Date: 12/1/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 137594

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 137594
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Remediation/Work Plan is Conditionally Approved. If rock refusal interferes with the remediation process, use a back-hoe/track-hoe to remove the rock. If the rock is immovable and target depth cannot be reached, use a hydrovac to clean the contaminated soil off the rock surface and outline specific locations and steps taken on the Closure Report. Use a rotary drill to drill an 18"-24" hole into the rock, pull sample to ensure contaminants haven't permeated deep through the rock surface. Delineate floor/sidewall samples to 600 mg/kg chlorides and 100 mg/kg TPH to meet strictest closure criteria standards. layer the cleaned rock with liquid microbial strains, surfactants and nutrients designed to digest organics and hydrocarbons. Back-fill with clean material. The work will need to occur in 90 days after the work plan has been approved.	12/1/2022

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Closure

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

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

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

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

Printed Name: Chase Settle Title: Sr, Safety & Environmental Specialist

Signature: Chase Settle Date: 09/13/2023

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Scott Rodgers Date: 09/13/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



EOG Resources, Inc.
Artesia Division Office
104 S. 4th Street
Artesia, NM, 88210

EOG Resources, Inc.

Remediation Closure Report

Ocotillo ACI Federal #001

30-015-26338

Unit A, Section 10, T20S, R24E

Eddy County, New Mexico

Incident ID: nAPP2214650299

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Ocotillo ACI Federal #001
Remediation Closure Report



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Ocotillo ACI Federal #001
Remediation Closure Report



September 13, 2023

I. Introduction

EOG Resources contractors completed the remediation activities and confirmation sampling at the plugged well site identified as Ocotillo ACI Federal #001 (API: 30-015-26338). The well site is located within Unit A, Section 10, Township 20 South, Range 24 East in Eddy County, New Mexico; see **Figure 1, Vicinity Map**. The remediation activities were completed under a *Remediation Plan* received by New Mexico Oil Conservation Division (NMOCD) on August 24, 2022, and formally approved on December 1, 2022.

II. Siting Criteria

Based on information provided by the United States Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey, the soil predominant at the former tank battery is the Ector-Reagan association which is residuum weathered from limestone. The soil survey also reports a restrictive lithic bedrock at 4 to 20 inches, which was confirmed to exist at approximately 8 inches below ground surface (bgs) during remediation excavation activities occurring May through August 2022. Additional subsurface investigations conducted by Envirotech December 2022 through January 2023 indicate this lithic layer is 1.5 to 3 feet thick across the subject site.

To confirm that depth to groundwater is greater than 100 feet at the site, a soil boring was advanced under the purview of a New Mexico Office of the State Engineer (OSE) permit on January 24 through 27, 2023. The soil boring was advanced to 105 feet and was allowed to stand for over 72 hours before the boring was confirmed to be dry. Therefore, depth to groundwater is greater than 105 feet at the subject site. Note, competent limestone was encountered at 30 feet to total depth explored in the subject soil boring. **Figure 2, Site Map** illustrates the location of the exploratory boring.

The subject site lies within a high karst occurrence area; therefore, the release falls under the most stringent remediation and reclamation standards. Siting criteria documentation for the subject well site is provided in **Appendix A, Siting Documentation with OSE Permit**.

The following release closure criteria from 19.15.29.12 NMAC and 19.15.29.13 NMAC are applicable to the subject remediation project:

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
Total Petroleum Hydrocarbons (TPH) as Gasoline, Diesel, and Oil Range Organics (GRO/DRO/MRO)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg



III. Remediation Activities

From May through August 2022, a remediation excavation was completed. Horizontal extents were defined during the previous confirmation sampling activities, and details were provided in the August 2022 *Remediation Plan*. The restrictive rock layer prevented further vertical excavation. Therefore, per the remediation plan, the 20,250 square feet base of the excavation was sprayed with Micro-Blaze® at a ratio of 30 gallons to 1,000 gallons of water. This treatment was completed on September 16, 2022.

Confirmation Sampling - October

On October 12, 2022, under notice to NMOCD, a confirmation sampling event was conducted for the base grids remaining above regulatory standard in the August 2022 sampling event. The sampling event included the collection of 75 five-point composite samples, representing 200 square feet or less.

All soil samples collected for laboratory analysis, were placed into an individual laboratory provided 2-ounce jar, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated in **Figure 3, October Confirmation Sampling Map**, and the laboratory results are summarized in **Table 1, Confirmation Sampling Events Summary**.

Laboratory Analytical Results

Thirteen (13) of base samples reported concentrations of TPH below regulatory limits. Only grid 304 reported a chloride concentration above the regulatory standard at 654 mg/kg. **Figure 3** illustrates the sections of the base remaining above regulatory limits, and sample results are provided in **Appendix B, Laboratory Analytical Reports**.

Continued Remediation-November and December

Based on analytical results, subsequent in-situ treatment events were conducted on November 3, 2022, and December 2, 2022. Unlimited Construction applied a hydrogen peroxide solution across the rock surface. Under notification to NMOCD, confirmation sampling events were conducted after each treatment event on November 16 and December 13, 2022. An example of the treatment events is documented in **Appendix C, Site Photography**.

Laboratory Analytical Results

Seven (7) additional base samples reported concentrations of TPH below regulatory limits. Only grid 301 reported a chloride concentration above the regulatory standard at 634 mg/kg. **Figure 4, November-December Confirmation Sampling Map** illustrates the sections of the base remaining above regulatory limits, and sample results are provided in **Appendix B, Laboratory Analytical Reports**.

Final In-Situ Treatment

Based on NMOCD conditions of approval in the *Remediation Plan*, a final Micro-Blaze® in-situ treatment application was conducted on December 28, 2022. The solution was applied to the grids remaining above regulatory standard for TPH.

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Remediation Closure Report



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Soil Borings

The remediation plan's conditions of approval from NMOCD directed EOG to advance one (1) soil boring to 18 to 24 inches beneath the surface to illustrate that contamination had "not permeated deep through the rock surface".

On December 13 and 20, 2022, the boring (SB-1) was advanced using a skid steer equipped with a rock auger in grid 276. Grid 276 was selected since this area had consistently displayed a high TPH concentration. To direct the drilling, soil samples were field screened for TPH at 1-foot intervals starting at 2 feet bgs. The terminus of the boring was 7 feet bgs.

Soil samples were collected for laboratory analysis at 2, 4, 5, 6, and 7 feet bgs. The concentration of TPH at 4 feet bgs was 174 mg/kg and at 5 feet the concentration was reported as 80.4 mg/kg. Thus, illustrating that the TPH contamination in grid 276 only permeated the subsurface to an approximate depth of 4 to 4.5 feet bgs. Laboratory analytical results are summarized in **Table 2, Summary of Soil Boring Analytical Results**.

The soil boring was plugged with wetted bentonite chips and backfilled with soil cuttings on December 28, 2022, after the final in-situ treatment.

Continued Delineation – December 2022

Due to the unexpected, yet relatively shallow depth, of hydrocarbon permeation through the lithic rock layer, EOG proceeded to investigate additional grids within the remediation excavation. All grids selected for investigation were areas where hydrocarbons have remained consistently above regulatory standard. The following describes the additional locations investigated:

- Grids 250, 298, 320, and 293 were selected to provide horizontal delineation beneath the rock layer.
- Grids 272, 275, 281, and 277 were selected to provide delineation around grid 276.
- SB-11 was advanced outside of the remediation excavation, approximately 6 feet north of grid 274, to illustrate the permeated contamination does not extend beyond the horizontal extents of the excavation.

Field Screening and Sample Collection

The soil borings were advanced on December 20 and 21, 2022, utilizing a skid steer equipped with a rock auger. Depths investigated were guided by field screening for TPH per EPA Method 418.1 utilizing an Infracal Total Oil and Grease (TOG)/ TPH Analyzer. Samples were collected at 1-foot intervals for field screening and collected for laboratory analysis.

All soil samples collected for laboratory analysis, were placed into an individual laboratory provided 2-ounce jar, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated in **Figure 5, Soil Boring Location Map**.

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Remediation Closure Report



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Soil Boring Laboratory Analytical Results

In addition to SB1, the soil boring identified as SB2 in grid 250, reported concentrations of TPH below closure criteria at 5 feet bgs. The highest concentration of TPH in SB2 was 178.4 mg/kg at 4 feet bgs.

Soil borings SB3 (grid 320) and SB9 (grid 275) reported TPH concentrations below closure criteria at 3 feet bgs, with the highest concentration reported at 2 feet bgs in each boring; 128.8 and 134.1 mg/kg, respectively.

Soil borings SB4, SB5, SB6, SB7, SB9, and SB11 all reported concentration of TPH below closure criteria at 2 feet bgs.

Soil boring SB8 (grid 272) appears to be an anomaly when compared to the remainder of the excavation investigated. Soil samples at 2 feet and 3 feet bgs reported concentrations of TPH at 212 and 176.8 mg/kg, respectively. At 4 feet bgs the lithology changed to a weathered limestone and the TPH concentrations dramatically increased. TPH concentrations at 4 feet bgs were reported as 928 mg/kg and 1,922 mg/kg at the total depth of 8 feet. The total depth of 8 feet was the maximum extent of the rock auger.

Continued Delineation – January 2023

To continue the subsurface investigation and to delineate around grid 272, Envirotech returned to the site January 17 through February 9, 2023 Utilizing the skid steer with a rock auger soil borings were advanced in grid 271, 267, and 273, which surround grid 272; and an air rotary drill rig equipped with Odex equipment was utilized to further advance SB-8 in grid 272 to 105 feet.

The field screening protocol discussed in the section above was followed during the continued delineation efforts. Soil samples were collected from each boring at select intervals. All soil samples collected for laboratory analysis, were placed into an individual laboratory provided 2-ounce jar, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated on **Figure 5**.

Soil Boring Laboratory Analytical Results

- SB-12, advanced in grid 271, reported a TPH concentration <95.0 mg/kg at 2 feet.
- SB-13, advanced in grid 267, reported a concentration of TPH of 151 mg/kg at 4 feet and 55.0 mg/kg at 5 feet. TPH concentrations were below laboratory detection limits at 6 and 8 feet.
- SB-14, advanced in grid 273, reported TPH concentrations of 236 mg/kg at 4 feet and 62.9 mg/kg at 5 feet. TPH concentrations were reported below laboratory detection limits at 8 feet.

Exploratory Soil Boring

Soil boring SB-8 was selected as the exploratory boring to confirm groundwater was greater than 100 feet at the site. The boring was also used to confirm vertical extent of TPH contamination in grid 272. TPH concentrations associated with the subject release appear to fall significantly below release closure criteria at 10 feet bgs. This is also the depth at which the limestone bedrock became more dense and

Ocotillo ACI Federal #001
Remediation Closure Report



September 13, 2023

less fractured. Competent limestone bedrock was encountered at 30 feet to 85 feet; see **Figure 6, Soil Boring Log**.

IV. Conclusion

EOG's contractors completed the remediation activities and sampling at the Ocotillo ACI Federal #001 per the NMOCD's conditions of approval in the subject remediation plan.

Based on the remediation excavation and soil boring activities, the hydrocarbon contamination is horizontally delineated within the excavation extents. The average depth of permeation of hydrocarbon through the rock barrier across the site is 2 to 5 feet, except for grid 272, which resulted in a vertical extent of contamination of 10 feet bgs.

Variance Request

The shallow depth of the lithic rock layer (6 to 14 inches) provides a natural barrier and limits the variety of vegetation that can be used for reclamation. This rock layer will limit root zones of grasses to the upper foot of the reclaimed area, which consists of non-waste containing backfill material. Therefore, any residual hydrocarbons below the rock barrier will not affect reclamation efforts across the site.

Additionally, with depth to water at the site being greater than 100 feet bgs, and the vertical delineation of hydrocarbons to 10 feet at greatest depth, a buffer greater than 90 feet to groundwater exists across the location. Therefore, groundwater is not likely to be impacted by the residual hydrocarbons. Also, these hydrocarbons consist of the heavier chains that are not easily mobilized.

EOG request a variance from NMOCD regarding the residual hydrocarbons left in place within the lithic rock layer and that No Further Action is granted regarding the subject incident. The limestone at the site is solid and impermeable. Further excavation is impractical due to the dense qualities of the limestone. Therefore, no further action is required regarding the subject incident.

Ocotillo ACI Federal #001
Remediation Closure Report



September 13, 2023

Appendix 1

Figure 1, Vicinity Map

Figure 2, Site Map

Figure 3, October Confirmation Sampling Map

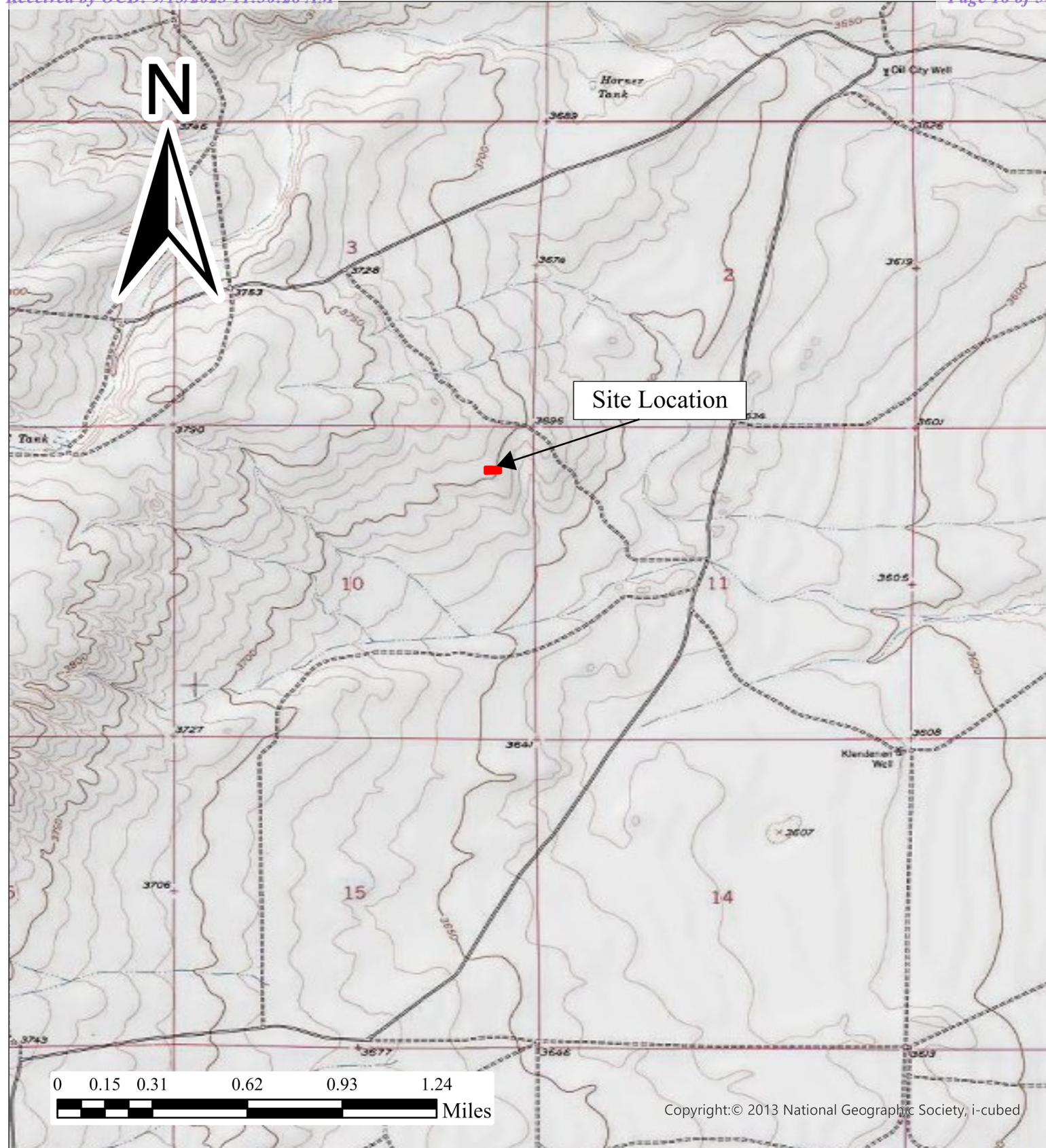
Figure 4, November-December Confirmation Sampling Map

Figure 5, Soil Boring Location Map

Figure 6, Soil Boring Log

Table 1, Summary of Excavation Analytical Results

Table 2, Summary of Soil Boring Analytical Results



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Legend
 Site Location

Figure 1, Vicinity Map

EOG Resources
 Ocotillo ACI Federal #001 Well Site
 API: 30-015-26338
 Unit 1, Section 10, Township 20S, Range 24E
 Eddy, County
 32.59384, -104.56969
 Project #19034-0016





Environmental Scientists and Engineers
 5796 U.S Highway 64
 Farmington, New Mexico 87401
 505.632.0615

Date Drawn: 08/23/2022
 Drawn by: C. Todacheenie



Maxar, Microsoft

Legend

-  Excavated area
-  Exploratory soil boring

SB - Soil Boring

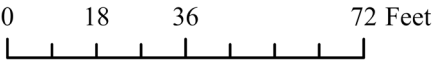


Figure 2, Site Map

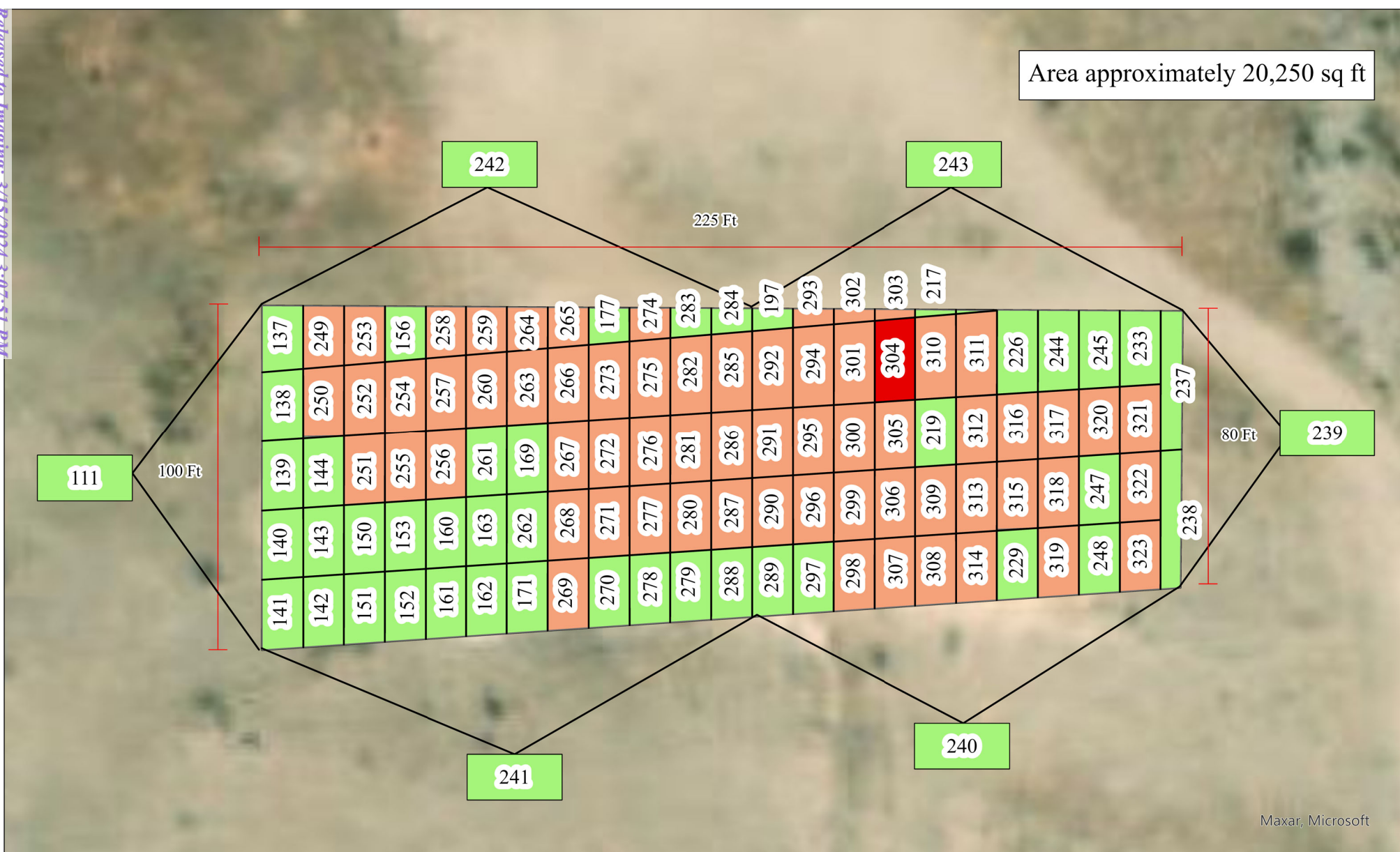
EOG Resources
Ocotillo ACI Federal #001 Well Site
API: 30-015-26338
Unit 1, Section 10, Township 20S, Range 24E
Eddy, County
32.59384, -104.56969
Project #19034-0016



Environmental Scientists and Engineers
5796 U.S Highway 64
Farmington, New Mexico 87401
505.632.0615

Date Drawn: 1/31/2023
Drawn by: P. Mesa





Legend

- TPH results ABOVE regulatory standards
- TPH and Chloride results ABOVE regulatory standards
- TPH and Chloride results BELOW regulatory standards

Figure 3, Confirmation Sampling Map October 2022

EOG Resources
 Ocotillo ACI Federal #001 Well Site
 API: 30-015-26338
 Unit 1, Section 10, Township 20S, Range 24E
 Eddy County, New Mexico
 32.59384, -104.56969
 Project #19034-0016

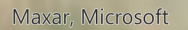


envirotech

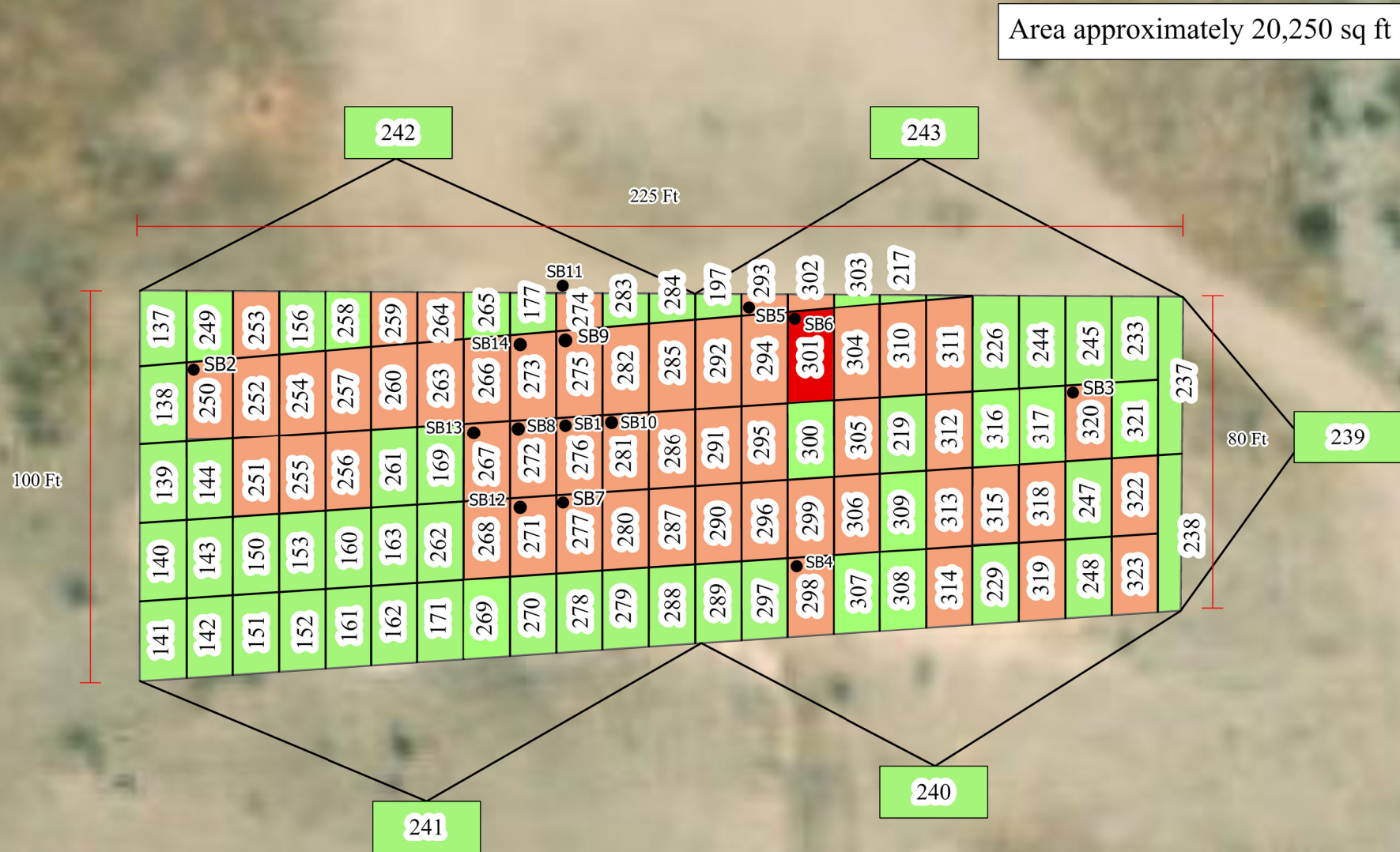
Environmental Scientists and Engineers
 5796 U.S Highway 64
 Farmington, New Mexico 87401
 505.632.0615

Date Drawn: 08/23/2022
 Drawn by: C. Todacheenie





- EOG Resources
Ocotillo ACI Federal #001 Well Site
API: 30-015-26338
Unit 1, Section 10, Township 20S, Range 24E
Eddy, County
32.59384, -104.56969
Project #19034-0016



Maxar, Microsoft

Legend

- TPH results ABOVE regulatory standards
 - TPH and Chloride results ABOVE regulatory standards
 - TPH and Chloride results BELOW regulatory standards
 - Exploratory soil boring
- 0 18 36 72 Feet

Figure 5, Soil Boring Locations

EOG Resources
 Ocotillo ACI Federal #001 Well Site
 API: 30-015-26338
 Unit 1, Section 10, Township 20S, Range 24E
 Eddy, County
 32.59384, -104.56969
 Project #19034-0016

**envirotech**

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 Farmington, New Mexico 87401
 505.632.0615

Date Drawn: 1/31/2023
 Drawn by: P. Mesa

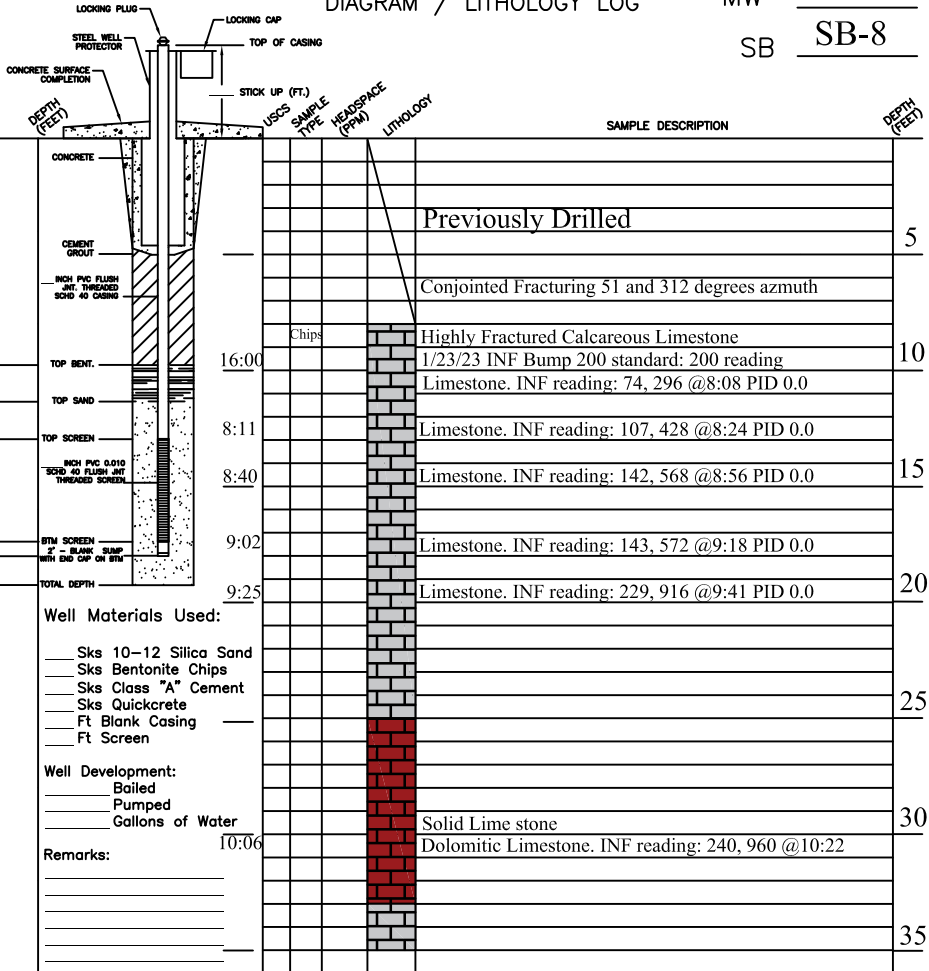


ABOVE GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW

SB

SB-8



DRILLER: Bob
HELPER: Shawn
DRILLING COMPANY: HRL
DRILLING METHOD: ODEX

BIT SIZE: 6"
TOTAL BORING DEPTH:
DATE STARTED: 01 / 23 / 2023
SAMPLER TYPE: Drill Clipping

LOCATION: 32.59384, -104.56969
ELEVATION:
DATE COMPLETED: / /
Scientist: Patrick Mesa

10:06

Infernal Bump Check 08:17
200 standard: 202 Reading

ENVIROTECH INC.

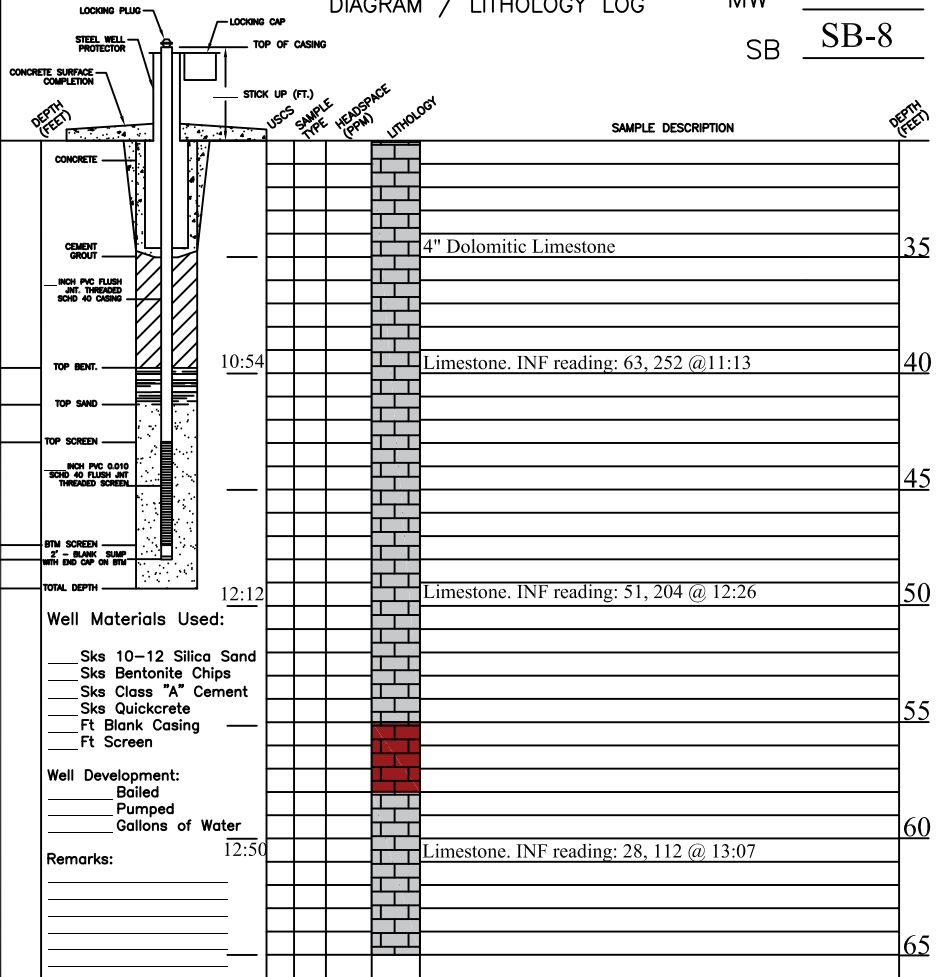
ENVIRONMENTAL SCIENTISTS & ENGINEERS
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FARMINGTON, NEW MEXICO 87401
(505) 632-0615
AlexGridLog.dwg

REVISIONS
BY DATE
BY DATE
JOB # 19034-0016

DATE DRAWN
SCALE APPROVED
PAGE OF

ABOVE GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW _____
SB _____ **SB-8**



DRILLER: Bob
HELPER: Shawn
DRILLING COMPANY: HRL
DRILLING METHOD: ODEX

BIT SIZE: 6"
TOTAL BORING DEPTH: _____
DATE STARTED: 01 / 23 / 2023
SAMPLER TYPE: Drill Clipping

LOCATION: 32.59384, -104.56969
ELEVATION: _____
DATE COMPLETED: ____ / ____ / ____
Scientist: Patrick Mesa

Infercal Bump Check 08:17
200 standard: 202 Reading

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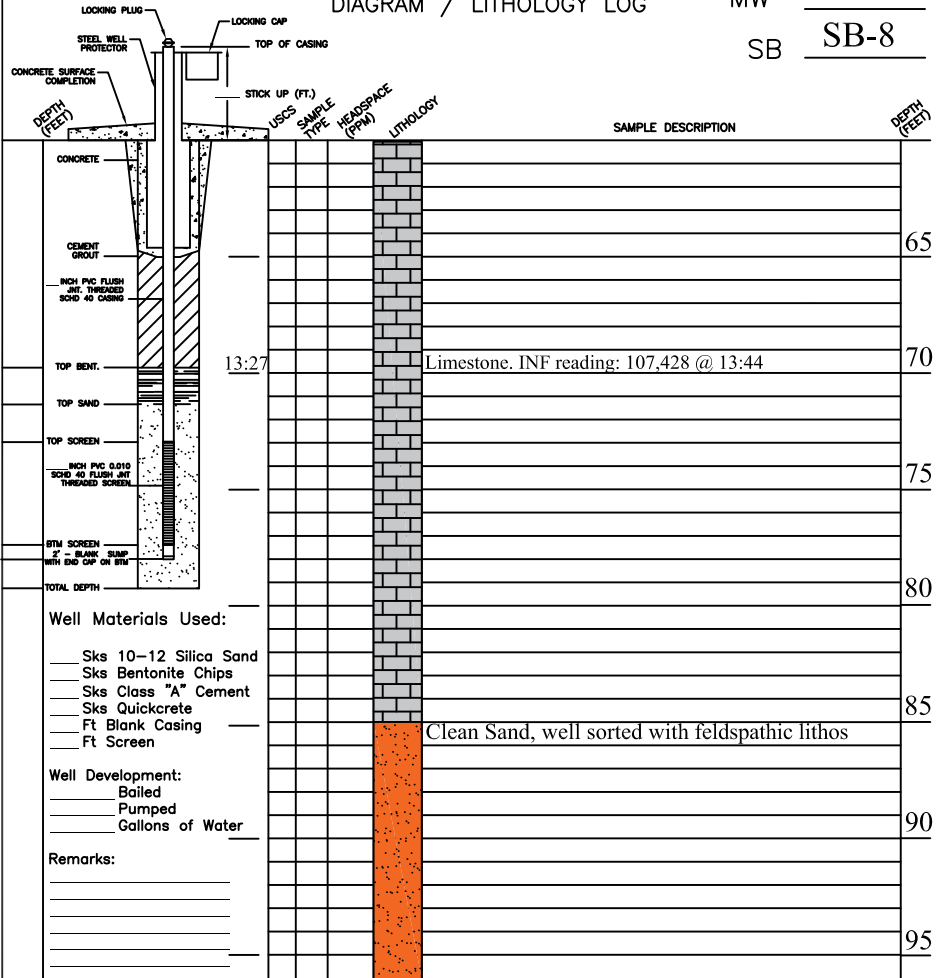
REVISIONS
BY DATE
BY DATE

JOB # 19034-0016

DATE _____ DRAWN _____ PAGE _____
SCALE _____ APPROVED _____ OF _____

ABOVE GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW _____
SB SB-8



DRILLER: Bob
 HELPER: Shawn
 DRILLING COMPANY: HRL
 DRILLING METHOD: ODEX

BIT SIZE: 6"
 TOTAL BORING DEPTH: _____
 DATE STARTED: 01 / 23 / 2023
 SAMPLER TYPE: Drill Clipping

LOCATION: 32.59384, -104.56969
 ELEVATION: _____
 DATE COMPLETED: _____ / _____ / _____
 Scientist: Patrick Mesa

Infernal Bump Check 08:17
 200 standard: 202 Reading

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JOB # 19034-0016

DATE _____ DRAWN _____
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 OF _____

ABOVE GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW _____
SB SB-8

DEPTH (FEET)	USGS SAMPLE TYPE	HEADSPACE (PPM)	LITHOLOGY	SAMPLE DESCRIPTION	DEPTH (FEET)
CONCRETE			Clean Sand, well sorted with feldspathic lithos		
CEMENT GROUT					95
1/2" INCH PVC FLUSH JNT. THREADED SCHD 40 CASING					
TOP BENT.					100
TOP SAND					
TOP SCREEN					
1/2" INCH PVC 0.010 SCHD 40 FLUSH JNT THREADED SCREEN					105
BTM SCREEN					
2' - BLANK SLUMP WITH END CAP ON BTM					
TOTAL DEPTH					110

Well Materials Used:

☐ Sks 10-12 Silica Sand
☐ Sks Bentonite Chips
☐ Sks Class "A" Cement
☐ Sks Quickcrete
☐ Ft Blank Casing
☐ Ft Screen

Well Development:

☐ Bailed
☐ Pumped
☐ Gallons of Water

Remarks:

DRILLER: <u>Bob</u>	BIT SIZE: <u>6"</u>	LOCATION: <u>32.59384, -104.56969</u>
HELPER: <u>Shawn</u>	TOTAL BORING DEPTH: _____	ELEVATION: _____
DRILLING COMPANY: <u>HRL</u>	DATE STARTED: <u>01 / 23 / 2023</u>	DATE COMPLETED: ____ / ____ / ____
DRILLING METHOD: <u>ODEX</u>	SAMPLER TYPE: <u>Drill Clipping</u>	Scientist: <u>Patrick Mesa</u>

Infercal Bump Check 08:17
200 standard: 202 Reading

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ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615
AltusGEOlog.dwg

REVISIONS BY _____ DATE _____ BY _____ DATE _____	JOB # <u>19034-0016</u>
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DATE _____	DRAWN _____	PAGE _____
SCALE _____	APPROVED _____	OF _____

Table 1, Summary of Excavation Analytical Results
EOG Resources
Confirmation Sampling Events Summary
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

Sample Name	Date	Sample Description	EPA Method 8015			TPH (mg/kg)	EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)		Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Release/Reclamation Closure Criteria (Table 1 - 19.15.29.12 and .13 NMAC)			100 mg/kg				10 mg/kg	50 mg/kg	600 mg/kg
CS-249	10/12/2022	Base	<20.0	42.1	63.2	105.3	<0.0250	<0.100	<20.0
CS-249C	11/16/2022	Base	<20.0	57.8	<50.0	57.8	<0.0250	<0.100	<20.0
CS-250	10/12/2022	Base	<20.0	110.0	147.0	257	<0.0250	<0.100	<20.0
CS-250C	11/16/2022	Base	<20.0	158.0	146.0	304	<0.0250	<0.100	<20.0
CS-250D	12/13/2022	Base	<20.0	141	169	310	<0.0250	<0.100	<20.0
CS-251	10/12/2022	Base	<20.0	64.7	89.1	153.8	<0.0250	<0.100	20.8
CS-251C	11/16/2022	Base	<20.0	66.8	57.1	123.9	<0.0250	<0.100	<20.0
CS-251D	12/13/2022	Base	<20.0	129	156.0	285	<0.0250	<0.100	<20.0
CS-252	10/12/2022	Base	<20.0	227	329	556	<0.0250	<0.100	23.6
CS-252C	11/16/2022	Base	<20.0	248	<250	248	<0.0250	<0.100	22.7
CS-252D	12/13/2022	Base	<20.0	178	209	387	<0.0250	<0.100	<20.0
CS-253	10/12/2022	Base	<20.0	53.6	66.0	119.6	<0.0250	<0.100	<20.0
CS-253C	11/16/2022	Base	<20.0	83.7	73.4	157.1	<0.0250	<0.100	<20.0
CS-253D	12/13/2022	Base	<20.0	82.7	98.9	181.6	<0.0250	<0.100	<20.0
CS-254	10/12/2022	Base	<20.0	117	146	263	<0.0250	<0.100	<20.0
CS-254C	11/16/2022	Base	<20.0	347	295	642	<0.0250	<0.100	<20.0
CS-254D	12/13/2022	Base	<20.0	317	354	671	<0.0250	<0.100	20.6
CS-255	10/12/2022	Base	<20.0	254	<500	254	<0.0250	<0.100	62.5
CS-255C	11/16/2022	Base	<20.0	132	116	248	<0.0250	<0.100	<20.0
CS-255D	12/13/2022	Base	<20.0	147	165	312	<0.0250	<0.100	<20.0
CS-256	10/12/2022	Base	<20.0	71.7	89.9	161.6	<0.0250	<0.100	<20.0
CS-256C	11/16/2022	Base	<20.0	83.8	77.9	161.7	<0.0250	<0.100	<20.0
CS-256D	12/13/2022	Base	<20.0	91.3	108.0	199.3	<0.0250	<0.100	<20.0
CS-257	10/12/2022	Base	<20.0	245	311	556	<0.0250	<0.100	23.9
CS-257C	11/16/2022	Base	<20.0	319	<250	319	<0.0250	<0.100	<20.0
CS-257D	12/13/2022	Base	<20.0	170	193	363	<0.0250	<0.100	<20.0
CS-258	10/12/2022	Base	<20.0	134	145	279	<0.0250	<0.100	78.1
CS-258C	11/16/2022	Base	<20.0	53.0	<50.0	53.0	<0.0250	<0.100	195
CS-259	10/12/2022	Base	<20.0	126	149	275	<0.0250	<0.100	<20.0
CS-259C	11/16/2022	Base	<20.0	81.1	62.6	143.7	<0.0250	<0.100	56.5
CS-259D	12/13/2022	Base	<20.0	59.4	61.3	120.7	<0.0250	<0.100	27.4
CS-260	10/12/2022	Base	<20.0	157	216	373	<0.0250	<0.100	<20.0
CS-260C	11/16/2022	Base	<20.0	141	142	283	<0.0250	<0.100	<20.0
CS-260D	12/13/2022	Base	<20.0	149	167	316	<0.0250	<0.100	<20.0
CS-261	10/12/2022	Base	<20.0	40.5	<50.0	40.5	<0.0250	<0.100	70.9
CS-262	10/12/2022	Base	<20.0	30.0	<50.0	30.0	<0.0250	<0.100	<20.0
CS-263	10/12/2022	Base	<20.0	177	<250	177	<0.0250	<0.100	20.5
CS-263C	11/16/2022	Base	<20.0	108	106	214	<0.0250	<0.100	34.7
CS-263D	12/13/2022	Base	<20.0	259	319	578	<0.0250	<0.100	<20.0
CS-264	10/12/2022	Base	<20.0	87.8	105	192.8	<0.0250	<0.100	58.9
CS-264C	11/16/2022	Base	<20.0	114	115	229	<0.0250	<0.100	28.9
CS-264D	12/13/2022	Base	<20.0	50.9	65.6	116.5	<0.0250	<0.100	20.4
CS-265	10/12/2022	Base	<20.0	57.4	77.9	135.3	<0.0250	<0.100	42.0
CS-265C	11/16/2022	Base	<20.0	62.8	52.3	115.1	<0.0250	<0.100	36.2
CS-265D	12/13/2022	Base	<20.0	42.8	51.2	94.0	<0.0250	<0.100	<20.0
CS-266	10/12/2022	Base	<20.0	281	401	682	<0.0250	<0.100	<20.0
CS-266C	11/16/2022	Base	<20.0	253	<250	253	<0.0250	<0.100	76.6
CS-266D	12/13/2022	Base	<20.0	374	448	822	<0.0250	<0.100	<20.0
CS-267	10/12/2022	Base	<20.0	160	181	341	<0.0250	<0.100	<20.0
CS-267C	11/16/2022	Base	<20.0	203	193	396	<0.0250	<0.100	22.1
CS-267D	12/13/2022	Base	<20.0	210	240	450	<0.0250	<0.100	<20.0
CS-268	10/12/2022	Base	<20.0	98.1	125	223.1	<0.0250	<0.100	23.9
CS-268C		Base	<20.0	93.2	103	196.2	<0.0250	<0.100	<20.0
CS-268D	12/13/2022	Base	<20.0	117.0	150	267	<0.0250	<0.100	<20.0
CS-269	10/12/2022	Base	<20.0	80.3	99	178.9	<0.0250	<0.100	62.9
CS-269C	11/16/2022	Base	<20.0	64.3	60.1	124.4	<0.0250	<0.100	154
CS-269D	12/13/2022	Base	<20.0	41.3	56.3	97.6	<0.0250	<0.100	<20.0
CS-270	10/12/2022	Base	<20.0	28.4	59.7	88.1	<0.0250	<0.100	63.7
CS-271	10/12/2022	Base	<20.0	107	124	231	<0.0250	<0.100	<20.0
CS-271C	11/16/2022	Base	<20.0	159	163	322	<0.0250	<0.100	<20.0
CS-271D	12/13/2022	Base	<20.0	149	199	348	<0.0250	<0.100	<20.0
CS-272	10/12/2022	Base	<20.0	325	<500	325	<0.0250	<0.100	<20.0
CS-272C	11/16/2022	Base	<20.0	276	277	553	<0.0250	<0.100	<20.0
CS-272D	12/13/2022	Base	<20.0	498	567	1,065	<0.0250	<0.100	<20.0
CS-273	10/12/2022	Base	<20.0	247	319	566	<0.0250	<0.100	<20.0
CS-273C	11/16/2022	Base	<20.0	315	356	671	<0.0250	<0.100	<20.0
CS-273D	12/13/2022	Base	<20.0	392	455	847	<0.0250	<0.100	<20.0

Table 1, Summary of Excavation Analytical Results
EOG Resources
Confirmation Sampling Events Summary
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

Sample Name	Date	Sample Description	EPA Method 8015			TPH (mg/kg)	EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)		Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Release/Reclamation Closure Criteria (Table 1 - 19.15.29.12 and .13 NMAC)			100 mg/kg				10 mg/kg	50 mg/kg	600 mg/kg
CS-274	10/12/2022	Base	<20.0	53.4	58.0	111.4	<0.0250	<0.100	25.5
CS-274C	11/16/2022	Base	<20.0	52.9	60.7	113.6	<0.0250	<0.100	<20.0
CS-274D	12/13/2022	Base	<20.0	55.6	91.5	147.1	<0.0250	<0.100	55.7
CS-275	10/12/2022	Base	<20.0	411	465	876	<0.0250	<0.100	34.3
CS-275C	11/16/2022	Base	<20.0	520	576	1,096	<0.0250	<0.100	<20.0
CS-275D	12/13/2022	Base	<20.0	562	612	1,174	<0.0250	<0.100	<20.0
CS-276	10/12/2022	Base	<20.0	379	533	912	<0.0250	<0.100	<20.0
CS-276C	11/16/2022	Base	<20.0	539	695	1,234	<0.0250	<0.100	34.9
CS-276D	12/13/2022	Base	<20.0	787	781	1,568	<0.0250	<0.100	<20.0
CS-277	10/12/2022	Base	<20.0	107	131	238	<0.0250	<0.100	<20.0
CS-277C	11/16/2022	Base	<20.0	156	236	392	<0.0250	<0.100	<20.0
CS-277D	12/13/2022	Base	<20.0	126	176	302	<0.0250	<0.100	<20.0
CS-278	10/12/2022	Base	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	<20.0
CS-279	10/12/2022	Base	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	<20.0
CS-280	10/12/2022	Base	<20.0	64.1	71.4	135.5	<0.0250	<0.100	<20.0
CS-280C	11/16/2022	Base	<20.0	100	147	247	<0.0250	<0.100	<20.0
CS-280D	12/13/2022	Base	<20.0	120	167	287	<0.0250	<0.100	<20.0
CS-281	10/12/2022	Base	<20.0	245	323	568	<0.0250	<0.100	<20.0
CS-281C	11/16/2022	Base	<20.0	389	<500	389	<0.0250	<0.100	<20.0
	12/13/2022	Base	<20.0	177	246	423	<0.0250	<0.100	
CS-282	10/12/2022	Base	<20.0	465	641	1,106	<0.0250	<0.100	<20.0
CS-282C	11/16/2022	Base	<20.0	447	450	897	<0.0250	<0.100	<20.0
CS-282D	12/13/2022	Base	<20.0	326	443	769	<0.0250	<0.100	<20.0
CS-283	10/12/2022	Base	<20.0	35	<50.0	35.4	<0.0250	<0.100	64.1
CS-284	10/12/2022	Base	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	56.7
CS-285	10/12/2022	Base	<20.0	240	<250	240	<0.0250	<0.100	<20.0
CS-285C	11/16/2022	Base	<20.0	229	271	500	<0.0250	<0.100	20.4
CS-285D	12/13/2022	Base	<20.0	130	188	318	<0.0250	<0.100	<20.0
CS-286	10/12/2022	Base	<20.0	60.7	76.0	136.7	<0.0250	<0.100	<20.0
CS-286C	11/16/2022	Base	<20.0	138	<250	138	<0.0250	<0.100	25.5
CS-286D	12/13/2022	Base	<20.0	160	206.0	366	<0.0250	<0.100	<20.0
CS-287	10/12/2022	Base	<20.0	33.7	<50.0	33.7	<0.0250	<0.100	73.1
CS-287C	11/16/2022	Base	<20.0	103	145	248	<0.0250	<0.100	<20.0
CS-287D	12/13/2022	Base	<20.0	120	179	299	<0.0250	<0.100	<20.0
CS-288	10/12/2022	Base	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	345
CS-289	10/12/2022	Base	<20.0	38.2	51	89.2	<0.0250	<0.100	62.9
CS-290	10/12/2022	Base	<20.0	116	138	254	<0.0250	<0.100	31.9
CS-290C	11/16/2022	Base	<20.0	45.1	60.8	105.9	<0.0250	<0.100	<20.0
CS-290D	12/13/2022	Base	<20.0	160	237	397	<0.0250	<0.100	<20.0
CS-291	10/12/2022	Base	<20.0	108	213	321	<0.0250	<0.100	53.1
CS-291C	11/16/2022	Base	<20.0	96.5	130	226.5	<0.0250	<0.100	93.7
CS-291D	12/13/2022	Base	<20.0	111	231	342	<0.0250	<0.100	21.6
CS-292	10/12/2022	Base	<20.0	119	159	278	<0.0250	<0.100	<20.0
CS-292C	11/16/2022	Base	<20.0	174	274	448	<0.0250	<0.100	<20.0
CS-292D	12/13/2022	Base	<20.0	73.2	121	194.2	<0.0250	<0.100	155
CS-293	10/12/2022	Base	<20.0	42.4	66	108.7	<0.0250	<0.100	151
CS-293C	11/16/2022	Base	<20.0	41.1	61.3	102.4	<0.0250	<0.100	76.6
CS-293D	12/13/2022	Base	<20.0	98.4	146	244.4	<0.0250	<0.100	358
CS-294	10/12/2022	Base	<20.0	62.9	90.2	153.1	<0.0250	<0.100	168
CS-294C	11/16/2022	Base	<20.0	55.8	81.1	136.9	<0.0250	<0.100	194
CS-294D	12/13/2022	Base	<20.0	51.4	92.5	143.9	<0.0250	<0.100	315
CS-295	10/12/2022	Base	<20.0	65.0	90.9	155.9	<0.0250	<0.100	116
CS-295C	11/16/2022	Base	<20.0	81.6	108	189.6	<0.0250	<0.100	162
CS-295D	12/13/2022	Base	<20.0	85.5	136	221.5	<0.0250	<0.100	120
CS-296	10/12/2022	Base	<20.0	91.1	129	220.1	<0.0250	<0.100	36.6
CS-296C	11/16/2022	Base	<20.0	140	198	338	<0.0250	<0.100	29.3
CS-296D	12/13/2022	Base	<20.0	155	239	394	<0.0250	<0.100	<20.0
CS-297	10/12/2022	Base	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	160
CS-298	10/12/2022	Base	<20.0	83.1	134	217.1	<0.0250	<0.100	85.2
CS-298C	11/16/2022	Base	<20.0	55.3	89.3	144.6	<0.0250	<0.100	88.6
CS-298D	12/13/2022	Base	<20.0	148	249	397	<0.0250	<0.100	
CS-299	10/12/2022	Base	<20.0	136	161	297	<0.0250	<0.100	35.6
CS-299C	11/16/2022	Base	<20.0	127	178	305	<0.0250	<0.100	24.4
CS-299D	12/13/2022	Base	<20.0	107	197	304	<0.0250	<0.100	<20.0
CS-300	10/12/2022	Base	<20.0	50.3	85	135.7	<0.0250	<0.100	94.0
CS-300C	11/16/2022	Base	<20.0	41.6	56.6	98.2	<0.0250	<0.100	259

Table 1, Summary of Excavation Analytical Results
EOG Resources
Confirmation Sampling Events Summary
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

Sample Name	Date	Sample Description	EPA Method 8015			TPH (mg/kg)	EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)		Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Release/Reclamation Closure Criteria (Table 1 - 19.15.29.12 and .13 NMAC)			100 mg/kg				10 mg/kg	50 mg/kg	600 mg/kg
CS-301	10/12/2022	Base	<20.0	45.2	76	121.6	<0.0250	<0.100	479
CS-301C	11/16/2022	Base	<20.0	45.5	56.9	102.4	<0.0250	<0.100	592
CS-301D	12/13/2022	Base	<20.0	49.9	93.2	143.1	<0.0250	<0.100	634
CS-302	10/12/2022	Base	<20.0	47.6	93	140.9	<0.0250	<0.100	276
CS-302C	11/16/2022	Base	<20.0	145	<250	145	<0.0250	<0.100	252
CS-302D	12/13/2022	Base	<20.0	41	106	146.9	<0.0250	<0.100	74.5
CS-303	10/12/2022	Base	<20.0	31.0	58.4	89.4	<0.0250	<0.100	197
CS-304	10/12/2022	Base	<20.0	42.7	85.5	128.2	<0.0250	<0.100	654
CS-304C	11/16/2022	Base	<20.0	54.2	60.2	114.4	<0.0250	<0.100	375
CS-304D	12/13/2022	Base	<20.0	42.3	111	153.3	<0.0250	<0.100	73.3
CS-305	10/12/2022	Base	<20.0	42.3	93.5	135.8	<0.0250	<0.100	58.8
CS-305C	11/16/2022	Base	<20.0	53.4	57.6	111	<0.0250	<0.100	541
CS-305D	12/13/2022	Base	<20.0	53.0	150	203	<0.0250	<0.100	39.2
CS-306	10/12/2022	Base	<20.0	331	592	923	<0.0250	<0.100	<20.0
CS-306C	11/16/2022	Base	<20.0	170	<250	170	<0.0250	<0.100	<20.0
CS-306D	12/13/2022	Base	<20.0	81.5	104	185.5	<0.0250	<0.100	<20.0
CS-307	10/12/2022	Base	<20.0	104	197	301	<0.0250	<0.100	432
CS-307C	11/16/2022	Base	<20.0	37.6	<50.0	37.6	<0.0250	<0.100	107
CS-308	10/12/2022	Base	<20.0	64.4	146	210.4	<0.0250	<0.100	118
CS-308C	11/16/2022	Base	<20.0	33.1	<50.0	33.1	<0.0250	<0.100	430
CS-309	10/12/2022	Base	<20.0	78.3	92	170.1	<0.0250	<0.100	<20.0
CS-309C	11/16/2022	Base	<20.0	34.4	<50.0	34.4	<0.0250	<0.100	<20.0
CS-310	10/12/2022	Base	<20.0	85.5	108	193.5	<0.0250	<0.100	199
CS-310C	11/16/2022	Base	<20.0	64.4	84.4	148.8	<0.0250	<0.100	65.4
CS-310D	12/13/2022	Base	<20.0	47.2	68.6	115.8	<0.0250	<0.100	94.5
CS-311	10/12/2022	Base	<20.0	113	131	244	<0.0250	<0.100	80.2
CS-311C	11/16/2022	Base	<20.0	151	186	337	<0.0250	<0.100	86.4
CS-311D	12/13/2022	Base	<20.0	56.7	79.1	135.8	<0.0250	<0.100	<20.0
CS-312	10/12/2022	Base	<20.0	53.0	65	117.8	<0.0250	<0.100	<20.0
CS-312C	11/16/2022	Base	<20.0	64.7	85.2	149.9	<0.0250	<0.100	114
CS-312D	12/13/2022	Base	<20.0	90.7	123.0	213.7	<0.0250	<0.100	<20.0
CS-313	10/12/2022	Base	<20.0	139	154	293	<0.0250	<0.100	<20.0
CS-313C	11/16/2022	Base	<20.0	78.4	114	192.4	<0.0250	<0.100	76.5
CS-313D	12/13/2022	Base	<20.0	93.5	127	220.5	<0.0250	<0.100	<20.0
CS-314	10/12/2022	Base	<20.0	53.4	59.8	113.2	<0.0250	<0.100	417
CS-314C	11/16/2022	Base	<20.0	62.9	95.0	157.9	<0.0250	<0.100	626
CS-314D	12/13/2022	Base	<20.0	160	217	377	<0.0250	<0.100	24.3
CS-315	10/12/2022	Base	<20.0	129	180	309	<0.0250	<0.100	<20.0
CS-315C	11/16/2022	Base	<20.0	89.7	140	229.7	<0.0250	<0.100	25.3
CS-315D	12/13/2022	Base	<20.0	98.5	142	240.5	<0.0250	<0.100	107
CS-316	10/12/2022	Base	<20.0	102	138	240	<0.0250	<0.100	<20.0
CS-316C	11/16/2022	Base	<20.0	39.9	55.4	95.3	<0.0250	<0.100	40.2
CS-317	10/12/2022	Base	<20.0	32.8	<50.0	32.8	<0.0250	<0.100	106
CS-318	10/12/2022	Base	<20.0	218	<250	218	<0.0250	<0.100	<20.0
CS-318C	11/16/2022	Base	<20.0	50.6	74.1	124.7	<0.0250	<0.100	<20.0
CS-318D	12/13/2022	Base	<20.0	48.7	76.0	124.7	<0.0250	<0.100	<20.0
CS-319	10/12/2022	Base	<20.0	127	129	256	<0.0250	<0.100	113
CS-319C	11/16/2022	Base	<20.0	123	<100	123	<0.0250	<0.100	42.6
CS-319D	12/13/2022	Base	<20.0	55.5	100	155.5	<0.0250	<0.100	37.4
CS-320	10/12/2022	Base	<20.0	53.6	70.7	124.3	<0.0250	<0.100	<20.0
CS-320C	11/16/2022	Base	<20.0	113	<100	113	<0.0250	<0.100	37.7
CS-320D	12/13/2022	Base	<20.0	47.4	89.1	136.5	<0.0250	<0.100	<20.0
CS-321	10/12/2022	Base	<20.0	64.2	78.4	142.6	<0.0250	<0.100	<20.0
CS-321C	11/16/2022	Base	<20.0	76.7	<100	76.7	<0.0250	<0.100	<20.0
CS-322	10/12/2022	Base	<20.0	252	347	599	<0.0250	<0.100	<20.0
CS-322C	11/16/2022	Base	<20.0	201	<250	201	<0.0250	<0.100	<20.0
CS-322D	12/13/2022	Base	<20.0	91.2	176	267.2	<0.0250	<0.100	<20.0
CS-323	10/12/2022	Base	<20.0	159	<250	159	<0.0250	<0.100	<20.0
CS-323C	11/16/2022	Base	<20.0	115	101	216	<0.0250	<0.100	<20.0
CS-323D	12/13/2022	Base	<20.0	46.7	93.4	140.1	<0.0250	<0.100	<20.0

Base is on lithic rock at 0.67 ft bgs

Samples not used for closure

Table 2, Summary of Soil Boring Analytical Results
EOG Resources
Confirmation Sampling Events Summary
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

Sample Name	Date	Sample Description	EPA Method 8015				EPA Method 8021		EPA Method 300.0	
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	
NMOCD Release/Reclamation Closure Criteria (Table 1 - 19.15.29.12 and .13 NMAC)			100 mg/kg				10 mg/kg	50 mg/kg	600 mg/kg	
SB1 @ 2ft	12/13/2022	Grid 276	<20.0	139	190	329	<0.0250	<0.100	32.5	
*SB1 @ 4ft			<20.0	74.4	99.5	174	<0.0250	<0.100	32.6	
SB1 @ 5ft			<20.0	29.6	50.8	80.4	<0.0250	<0.100	39.7	
SB1 @ 6ft			<20.0	41.3	<50.0	41.3	<0.0250	<0.100	50.4	
SB1 @ 7ft			<20.0	33.6	<50.0	33.6	<0.0250	<0.100	41.3	
SB2 @ 2ft	12/20/2022	Grid 250	<20.0	83.8	73.5	157.3	<0.0250	<0.100	30.4	
SB2 @ 4ft			<20.0	59.4	119	178.4	<0.0250	<0.100	<20.0	
SB2 @ 5ft			<20.0	29.3	59.6	88.9	<0.0250	<0.100	23.6	
SB2 @ 6ft			<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	22.3	
SB3 @ 2ft		Grid 320	<20.0	57.6	71.2	128.8	<0.0250	<0.100	<20.0	
SB3 @ 3ft			<20.0	36.7	<50.0	36.7	<0.0250	<0.100	20.4	
SB3 @ 4ft			<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	21.9	
SB4 @ 2ft		Grid 298	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	51.5	
SB5 @ 2ft		Grid 293	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	132	
SB6 @ 2ft		Grid 301	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	22.0	
SB7 @ 2ft		Grid 277	<20.0	26.9	<50.0	26.9	<0.0250	<0.100	31.4	
SB8 @ 2ft		12/21/2022	Grid 272	<20.0	134	78.0	212	<0.0250	<0.100	<20.0
SB8 @ 3ft				<20.0	94.6	82.2	176.8	<0.0250	<0.100	31.3
SB8 @ 4ft				<20.0	478	450	928	<0.0250	<0.100	30.8
SB8 @ 5ft				<20.0	534	516	1,050	<0.0250	<0.100	22.9
SB8 @ 6ft	<20.0			765	739	1,504	<0.0250	<0.100	31.6	
SB8 @ 7ft	<20.0			1,020	993	2,013	<0.0250	<0.100	<20.0	
SB8 @ 8ft	<20.0			1,010	912	1,922	<0.0250	<0.100	<20.0	
SB8@10ft	1/24/2023		<20.0	31.8	<50.0	31.8	<0.0250	<0.100	<20.0	
SB9 @ 2ft	12/20/2022	Grid 275	<20.0	69.0	65.1	134.1	<0.0250	<0.100	43.6	
SB9@ 3ft	12/21/2022		<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	57.2	
SB10 @ 2ft	12/20/2022	Grid 281	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	40.8	
SB11 @ 2ft	12/21/2022	6 ft North of Grid 274 (outside excavation)	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	602	
SB12 @ 3ft	1/17/2023	Grid 271	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	34.3	
SB13 @ 4ft	1/18/2023	Grid 267	<20.0	91.2	59.3	151	<0.0250	<0.100	27.2	
SB13 @ 5ft			<20.0	55.0	<50.0	55.0	<0.0250	<0.100	34.4	
SB13 @ 6ft			<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	29.4	
SB13 @ 8ft			<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	32.3	
SB14 @ 4ft		Grid 273	<20.0	127	109	236	<0.0250	<0.100	39.6	
SB14 @ 5ft			<20.0	62.9	<50.0	62.9	<0.0250	<0.100	44.2	
SB14 @ 6ft			<20.0	46.9	<50.0	46.9	<0.0250	<0.100	49.6	
SB14 @ 7ft			<20.0	51.0	<50.0	51.0	<0.0250	<0.100	49.4	
SB14 @ 8ft			<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	44.8	

*Sample labeled as SB2 @4'

Sample indicating COCs below regulatory standards:

Extra samples not applicable to closure but below regulatory standard:



Practical Solutions for a Better Tomorrow

Ocotillo ACI Federal #001
Remediation Closure Report



September 13, 2023

Appendix 2

Siting Criteria Documentation with OSE Permit

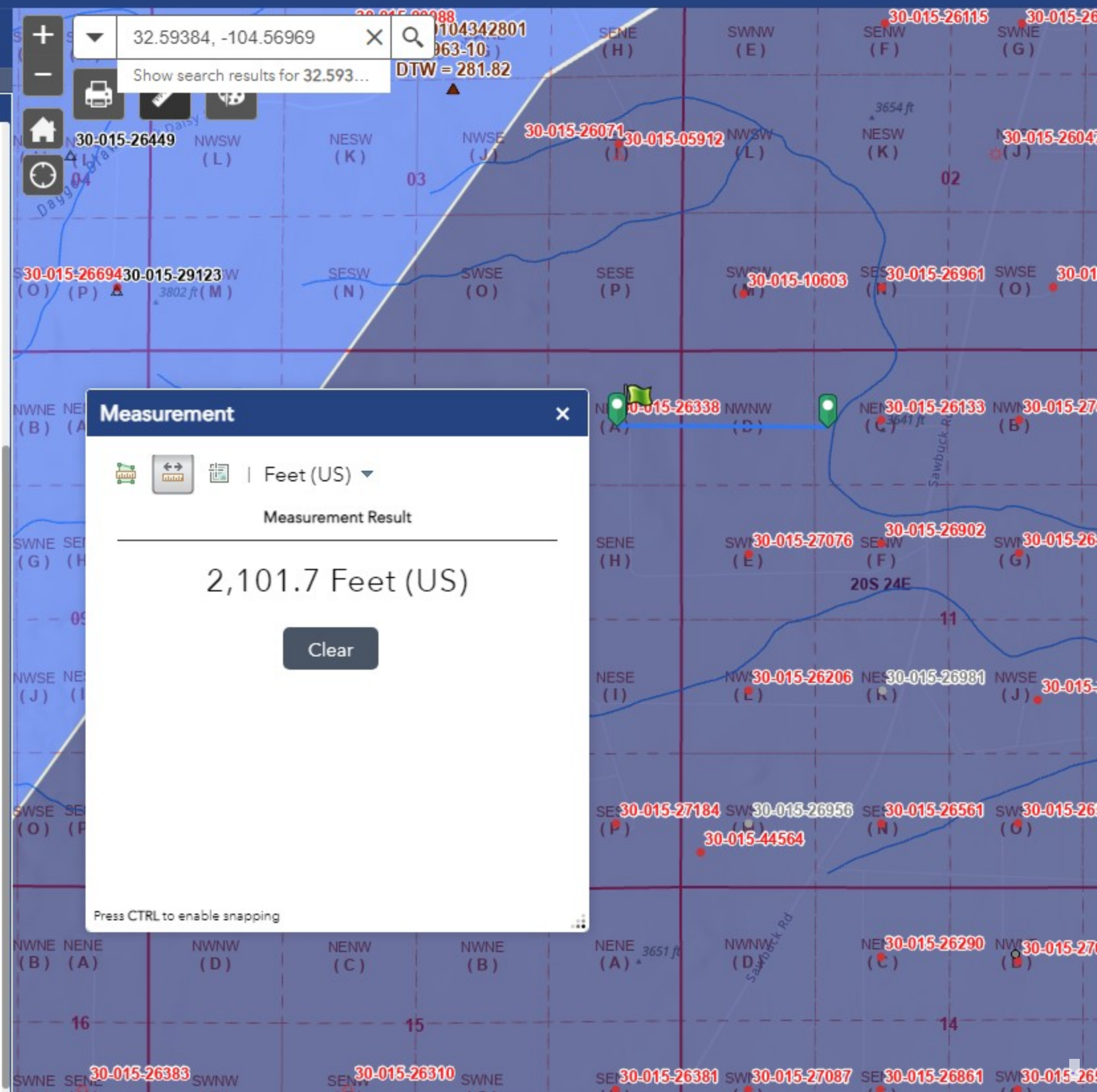
Site Name: Ocotilla ACI Federal #001				
API #: 30-015-26338				
Lat/Long: 32.59384, -104.56969				
Legal Description (Unit, Sec, TWN, RNG) Unit A Sec 10 T20S R24E				
Land Jurisdiction: BLM				
County: Eddy				
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	ID	Latitude	Longitude	Distance
Depth to Groundwater Determination: <u>>100</u> ft (bgs)				
Cathodic Report/Site Specific Hydrogeology				
Elevation Differential				
Water Wells		USGS wells 0.68 miles NW of well site; depth to water >200 ft		
Sensitive Receptor Determination				
Was groundwater or surface water impacted?				No
<300' of any continuously flowing watercourse or any other significant watercourse				No
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)				No
<300' of an occupied permanent residence, school, hospital, institution or church				No
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or within a defined municipal fresh water well field				No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area or karst topography				Yes
Within a 100-year floodplain				No
Did the release impact areas NOT on an exploration, development, production, or storage site?				No
DTW Determination	≤50 <input type="checkbox"/>	50-100 <input type="checkbox"/>	>100 <input checked="" type="checkbox"/>	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



Practical Solutions of a Better Tomorrow



- Layer List
- ☒ USGS Groundwater wells
 - ☒ USGS Active Monitoring GW Wells
 - ☒ USGS Historical GW Wells
 - ☐ Induced Seismicity Area
 - ☒ Permian Basin Karst Areas
 - ☒ Critical Karst Resource Area
 - ☒ Karst Occurrence Potential
 - High
 - Medium
 - Low
 - ☐ BLM Oil and Gas / Fluid Minerals
 - ☐ NM SLO Oil and Gas Leases
 - ☐ NM SLO Participating Area and Unit Agreement Boundaries
 - ☐ Political Boundaries and Transportation
 - ☐ Mineral and Surface Ownership
 - ☒ Hydrology
 - ☒ NMED Drinking Water Systems
 - ☒ OSE Streams
 - ☒ OSE Probable Playas
 - ☒ OSW Water Bodies



- [illegible]

×



Miles ▼

Measurement Result

0.68 Miles

Clear

Press CTRL to enable snapping

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

8/23/2022
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
ER	Ector-Reagan association, 0 to 9 percent slopes	0.4	100.0%
Totals for Area of Interest		0.4	100.0%

Map Unit Description: Ector-Reagan association, 0 to 9 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

ER—Ector-Reagan association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w4d

Elevation: 1,100 to 5,400 feet

Mean annual precipitation: 6 to 18 inches

Mean annual air temperature: 58 to 70 degrees F

Frost-free period: 180 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Ector and similar soils: 65 percent

Reagan and similar soils: 25 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ector

Setting

Landform: Ridges, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, crest, nose slope, head slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 6 inches: very cobbly loam

H2 - 6 to 60 inches: bedrock

Properties and qualities

Slope: 0 to 9 percent

Depth to restrictive feature: 4 to 20 inches to lithic bedrock

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to high (0.06 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 60 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 0.5 inches)

Map Unit Description: Ector-Reagan association, 0 to 9 percent slopes---Eddy Area, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R070DY158NM - Very Shallow

Hydric soil rating: No

Description of Reagan**Setting**

Landform: Fan remnants, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 32 inches: loam

H3 - 32 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 50 percent

Gypsum, maximum content: 20 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 15.0

Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Minor Components**Ector**

Percent of map unit: 4 percent

Ecological site: R070DY158NM - Very Shallow

Hydric soil rating: No

Map Unit Description: Ector-Reagan association, 0 to 9 percent slopes---Eddy Area, New Mexico

Upton

Percent of map unit: 3 percent

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Pima

Percent of map unit: 3 percent

Ecological site: R042XC017NM - Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was State Plane New Mexico East FIPS 3001. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NNGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on this FIRM was provided in digital format by the Eddy County Geographical Information Systems and Rural Addressing Department.

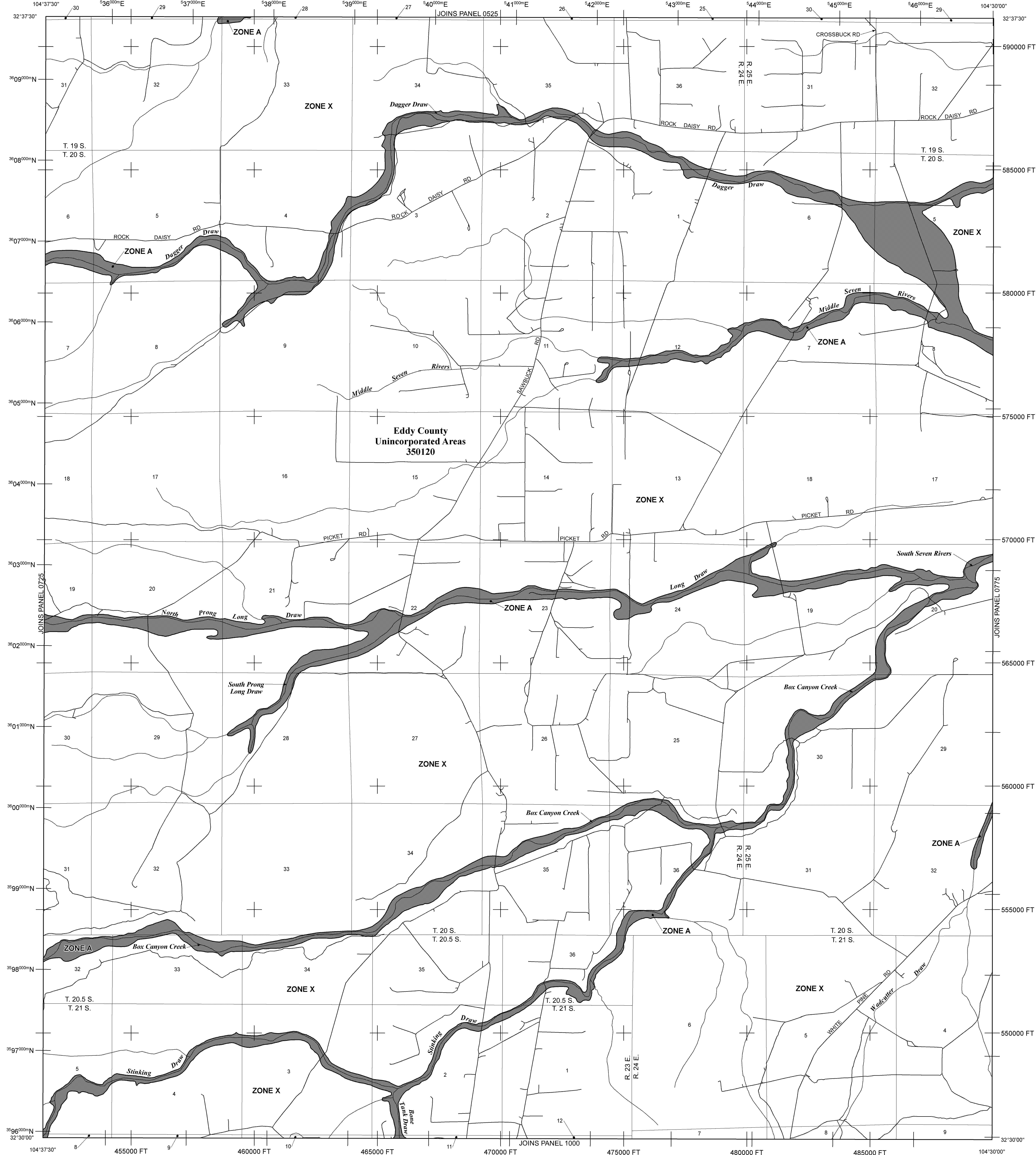
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the *Flood Insurance Study report* (which contains *authoritative hydraulic data*) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a *Flood Insurance Study report*, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov/>.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at www.fema.gov/.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Areas to be protected from 1% annual chance flood event by a federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
- Base Flood Elevation line and value; elevation in feet*
- Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

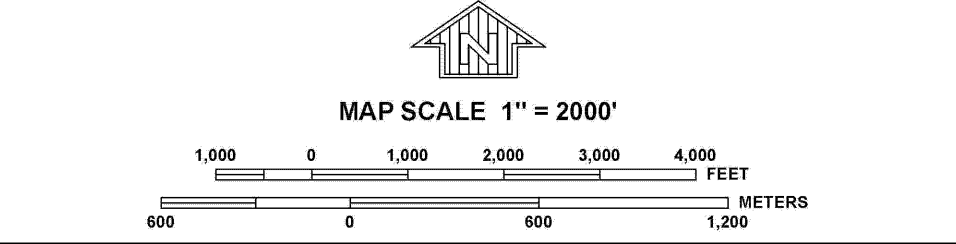
- Cross section line
- Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1000-meter Universal Transverse Mercator grid ticks, zone 13
- 5000-foot grid values: New Mexico State Plane coordinate system, East Zone (FIPSZONE = 3001), Lambert projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index
EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
June 4, 2010

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0750D

FIRM

FLOOD INSURANCE RATE MAP

EDDY COUNTY,

NEW MEXICO

AND INCORPORATED AREAS

PANEL 750 OF 2000

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY

EDDY COUNTY,

UNINCORPORATED AREAS

NUMBER

350120

PANEL

0750

SUFFIX

D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER

35015C0750D

EFFECTIVE DATE

JUNE 4, 2010

Federal Emergency Management Agency

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 740730
File Nbr: RA 13275

Jan. 19, 2023

TAMI KNIGHT
ENVIROTECH INC
5796 US HIGHWAY 64
FARMINGTON, NM 87401

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Azucena Ramirez".

Azucena Ramirez
(575) 622-6521

Enclosure

explore

File No. **RA-13275 POD1**

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL A WELL WITH NO WATER RIGHT



(check applicable box):

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

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well*(Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Exploratory Dry Soil Boring
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.
 *New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

<input checked="" type="checkbox"/> Temporary Request - Requested Start Date: January 16, 2023	Requested End Date: March 10, 2023
--	------------------------------------

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: EOG Resources	Name: Envirotech, Inc.
Contact or Agent: <input type="checkbox"/> check here if Agent Jeremy Haass	Contact or Agent: <input checked="" type="checkbox"/> check here if Agent Kholeton Sanchez
Mailing Address: 104 South 4th Street	Mailing Address: 5796 US Highway 64
City: Artesia	City: Farmington
State: New Mexico	State: New Mexico
Zip Code: 88210	Zip Code: 87401
Phone: 575-513-9235 Phone (Work):	Phone: 505-801-4707 Phone (Work):
<input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell	<input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell
E-mail (optional): jeremy_haass@eogresources.com	E-mail (optional): ksanchez@envirotech-inc.com

OSE DIT JAN 3 2023 PM 3:13

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 07/12/22

File No.: RA-13275	Trn. No.: 740730	Receipt No.: 2-45351
Trans Description (optional): MON		
Sub-Basin: RA	PCW/LOG Due Date: 1/19/24	

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

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).

District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

- ☐ NM State Plane (NAD83) (Feet)
 ☐ UTM (NAD83) (Meters)
 ☒ Lat/Long (WGS84) (to the nearest 1/10th of second)
- ☐ NM West Zone
 ☐ Zone 12N
- ☐ NM East Zone
 ☐ Zone 13N
- ☐ NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
RA-13275POD1 SB-8	-104.569908	32.593619	Unit A, Section 10, Township 20 South, Range 24 East

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)

Additional well descriptions are attached: ☐ Yes ☒ No If yes, how many _____

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

The soil boring (SB) will be drilled on a plugged and abandoned oil and gas well identified as the Ocotillo ACI Federal #001 (API: 20 015 26220). The well borer will be utilized to vertically delineate contamination in the subsurface. No well will be completed.

Well is on land owned by: EOG Resources

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

Approximate depth of well (feet): 110'

Outside diameter of well casing (inches):

Driller Name: HRL Compliance Solutions

Driller License Number: #1 1851

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Soil borings are expected to be dry and will not be completed into monitoring wells. Depth to groundwater is greater than 100 ft below ground surface at the location. Drilling will be performed in order to delineate the vertical extent of subsurface contamination.

OSE DT JAN 3 2023 PM 01:13

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: RA-13275

Trm No.: 74073

Page 2 of 3

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

Exploratory: Is proposed well a future public water supply well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If Yes, an application must be filed with NMED-DWB, concurrently. <input type="checkbox"/> Include a description of the requested pump test if applicable.	Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of. Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
--	--	---	---

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Kholeton Sanchez, as Agent

Print Name(s)

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

Kholeton Sanchez
Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved

☐ partially approved

☐ denied

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

Witness my hand and seal this 19th day of January 20 23, for the State Engineer,

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
Signature

Kashyap Parekh
Print

Title: Water Resources Manager I
Print

FOR USE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: RA-13275

Trm No.: 740730

Page 3 of 3

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: RA 13275 POD1

File Number: RA 13275

Trn Number: 740730

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: RA 13275 POD1

File Number: RA 13275

Trn Number: 740730

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion RA 13275 POD1 must be completed and the Well Log filed on or before 01/19/2024.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 01/03/2023	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 19 day of Jan A.D., 2023

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: RA 13275 POD1

File Number: RA 13275
Trn Number: 740730

Ocotillo ACI Federal #001
Remediation Closure Report

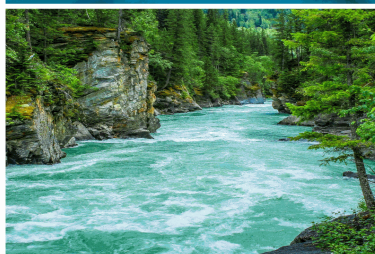


September 13, 2023

Appendix 3

Laboratory Analytical Reports

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E210068

Job Number: 19034-0016

Received: 10/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/21/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/21/22



Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Ocotillo ACI Fed # 1
Workorder: E210068
Date Received: 10/13/2022 3:24:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2022 3:24:00PM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 16:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-249	E210068-01A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-250	E210068-02A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-251	E210068-03A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-252	E210068-04A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-253	E210068-05A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-254	E210068-06A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-255	E210068-07A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-256	E210068-08A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-257	E210068-09A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-258	E210068-10A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-259	E210068-11A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-260	E210068-12A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-261	E210068-13A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-262	E210068-14A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-263	E210068-15A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-264	E210068-16A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-265	E210068-17A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-266	E210068-18A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-267	E210068-19A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-268	E210068-20A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 10/21/2022 4:01:44PM
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CS-249

E210068-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2242070	
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: 4-Bromochlorobenzene-PID	102 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2242070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	82.0 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2243017	
Diesel Range Organics (C10-C28)	42.1	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	63.2	50.0	1	10/17/22	10/20/22	
Surrogate: n-Nonane	105 %	50-200		10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2243007	
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-250

E210068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.5 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	110	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	147	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-251

E210068-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.2 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	64.7	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	89.1	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		113 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	20.8	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-252

E210068-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		78.6 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	227	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	329	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		99.1 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	23.6	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-253

E210068-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.0 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	53.6	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	66.0	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-254

E210068-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		79.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	117	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	146	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-255

E210068-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.6 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	254	250	10	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	ND	500	10	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		85.9 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	62.5	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-256

E210068-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	71.7	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	89.9	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-257

E210068-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.0 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	245	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	311	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		96.7 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	23.9	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-258

E210068-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.2 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	134	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	145	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		98.0 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	78.1	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-259

E210068-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.0 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	126	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	149	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		99.3 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-260

E210068-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	157	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	216	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-261

E210068-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		77.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	40.5	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		97.7 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	70.9	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-262

E210068-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.2 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	30.0	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		98.8 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-263

E210068-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	177	125	5	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	250	5	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		96.6 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	20.5	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-264

E210068-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	87.8	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	105	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		99.6 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	58.9	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-265

E210068-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.1 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	57.4	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	77.9	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		54.2 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	42.0	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-266

E210068-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		76.2 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	281	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	401	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-267

E210068-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	160	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	181	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		94.6 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:01:44PM

CS-268

E210068-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243017
Diesel Range Organics (C10-C28)	98.1	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	125	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		93.2 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243007
Chloride	23.9	20.0	1	10/17/22	10/18/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:01:44PM

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 (2242070-BLK1)

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

LCS (2242070-BS1)

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	4.66	0.0250	5.00		93.3	70-130			
Ethylbenzene	3.67	0.0250	5.00		73.5	70-130			
Toluene	3.93	0.0250	5.00		78.6	70-130			
o-Xylene	3.73	0.0250	5.00		74.5	70-130			
p,m-Xylene	7.48	0.0500	10.0		74.8	70-130			
Total Xylenes	11.2	0.0250	15.0		74.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

Matrix Spike (2242070-MS1)

Source: E210068-05

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	5.14	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.03	0.0250	5.00	ND	80.7	61-133			
Toluene	4.33	0.0250	5.00	ND	86.5	61-130			
o-Xylene	4.08	0.0250	5.00	ND	81.7	63-131			
p,m-Xylene	8.21	0.0500	10.0	ND	82.1	63-131			
Total Xylenes	12.3	0.0250	15.0	ND	82.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

Matrix Spike Dup (2242070-MSD1)

Source: E210068-05

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	5.86	0.0250	5.00	ND	117	54-133	13.0	20	
Ethylbenzene	4.61	0.0250	5.00	ND	92.1	61-133	13.3	20	
Toluene	4.94	0.0250	5.00	ND	98.7	61-130	13.2	20	
o-Xylene	4.67	0.0250	5.00	ND	93.3	63-131	13.3	20	
p,m-Xylene	9.36	0.0500	10.0	ND	93.6	63-131	13.1	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131	13.1	20	
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:01:44PM

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 (2242070-BLK1)

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.2	70-130			

LCS (2242070-BS2)

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130			

Matrix Spike (2242070-MS2)

Source: E210068-05

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.85		8.00		85.6	70-130			

Matrix Spike Dup (2242070-MSD2)

Source: E210068-05

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.9	70-130	5.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.6	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:01:44PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2243017-BLK1)

Prepared: 10/17/22 Analyzed: 10/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2243017-BS1)

Prepared: 10/17/22 Analyzed: 10/20/22

Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	52.1		50.0		104	50-200			

Matrix Spike (2243017-MS1)

Source: E210068-09

Prepared: 10/17/22 Analyzed: 10/20/22

Diesel Range Organics (C10-C28)	349	25.0	250	245	41.3	38-132			
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			

Matrix Spike Dup (2243017-MSD1)

Source: E210068-09

Prepared: 10/17/22 Analyzed: 10/20/22

Diesel Range Organics (C10-C28)	401	25.0	250	245	62.3	38-132	14.0	20	
Surrogate: n-Nonane	46.3		50.0		92.6	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:01:44PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2243007-BLK1)					Prepared: 10/17/22 Analyzed: 10/17/22				
Chloride	ND	20.0							
LCS (2243007-BS1)					Prepared: 10/17/22 Analyzed: 10/17/22				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2243007-MS1)					Source: E210068-01		Prepared: 10/17/22 Analyzed: 10/17/22		
Chloride	297	20.0	250	ND	119	80-120			
Matrix Spike Dup (2243007-MSD1)					Source: E210068-01		Prepared: 10/17/22 Analyzed: 10/17/22		
Chloride	296	20.0	250	ND	118	80-120	0.296	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 16:01

- 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.



Client: <u>EOG</u>	Bill To Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____	Lab Use Only				TAT				EPA Program													
Project: <u>Ocotillo ACS Field #1</u>		Lab WO# <u>E210048</u>	Job Number <u>19034-0016</u>			1D	2D	3D	Standard	CWA	SDWA												
Project Manager: <u>Greg Crabtree</u>									<u>X</u>														
Address: _____		Analysis and Method				State																	
City, State, Zip _____		DRO, GRO, ORO by 8015	BTEX by 8021	Chloride 300.0	VOC by 8260	Metals 6010	Full TCLP w/o H&P	Semi-Volatiles 8270	RCI	PCB's	NM	CO	UT	AZ	TX								
Phone: _____												<u>X</u>											
Email: <u>I. Garcia B. Hall G. Crabtree T. Knight</u>																							
Report due by: _____																							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO, GRO, ORO by 8015	BTEX by 8021	Chloride 300.0	VOC by 8260	Metals 6010	Full TCLP w/o H&P	Semi-Volatiles 8270	RCI	PCB's	Remarks
8:00	10/12/22	S	1	CS-249	1	X	X	X							
8:05	10/12/22	S	1	CS-250	2	X	X	X							
8:10	10/12/22	S	1	CS-251	3	X	X	X							
8:13	10/14/22	S	1	CS-252	4	X	X	X							
8:16	10/12/22	S	1	CS-253	5	X	X	X							
8:20	10/12/22	S	1	CS-254	6	X	X	X							
8:24	10/12/22	S	1	CS-255	7	X	X	X							
8:28	10/12/22	S	1	CS-256	8	X	X	X							
8:31	10/12/22	S	1	CS-257	9	X	X	X							
8:33	10/12/22	S	1	CS-258	10	X	X	X							

X						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.					
date or time of collection is considered fraud and may be grounds for legal action.						Sampled by: <u>Isaac Garcia</u>					
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>10/13/22</u>	Time <u>15:24</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>10/13/22</u>	Time <u>15:24</u>	Lab Use Only					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>(Y)</u> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	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.

Project Information

Chain of Custody

Page 2 of 8

Client: <u>EOG</u> Project: <u>Same as pg. Acotillo ACT</u> Project Manager: <u>Greg Crabtree</u> <u>Fed #1</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: <u>I. Garcia B. Hall G. Crabtree T. Knight</u> Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# <u>E 210068</u> Job Number <u>19034-0016</u> Analysis and Method DRO, GRO, ORO by 8015 BTEX by 8021 Chloride 300.0 VOC by 8260 Metals 6010 Full TCLP w/o H&P Semi-Volatiles 8270 RCI PCB's										TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA <u>X</u>	
										State NM <u>X</u> CO UT AZ TX															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO, GRO, ORO by 8015	BTEX by 8021	Chloride 300.0	VOC by 8260	Metals 6010	Full TCLP w/o H&P	Semi-Volatiles 8270	RCI	PCB's	Remarks										
8:40	10/12/22	S	1	CS-259	11	X	X	X																	
8:45	10/12/22	S	1	CS-260	12	X	X	X																	
8:48	10/12/22	S	1	CS-261	13	X	X	X																	
8:52	10/12/22	S	1	CS-262	14	X	X	X																	
8:56	10/12/22	S	1	CS-263	15	X	X	X																	
8:59	10/12/22	S	1	CS-264	16	X	X	X																	
9:02	10/12/22	S	1	CS-265	17	X	X	X																	
9:06	10/12/22	S	1	CS-266	18	X	X	X																	
9:09	10/12/22	S	1	CS-267	19	X	X	X																	
9:12	10/12/22	S	1	CS-268	20	X	X	X																	
X																									
x date or time of collection is considered fraud and may be grounds for legal action. 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 Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																		
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.																									

Envirotech Analytical Laboratory

Printed: 10/14/2022 11:26:09AM

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	Date Received:	10/13/22 15:24	Work Order ID:	E210068
Phone:	(575) 748-4217	Date Logged In:	10/14/22 08:54	Logged In By:	Caitlin Christian
Email:		Due Date:	10/20/22 17:00 (5 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: Isaac GarciaComments/Resolution

Project Ocotillo ACI Fed #1 has been separated into 4 reports due to sample volume. Workorders are as follows:
E210068/ E210069/ E210070/ E210071

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? No
11. If yes, were custody/security seals intact? NA
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.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E210069

Job Number: 19034-0016

Received: 10/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/21/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/21/22



Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Ocotillo ACI Fed # 1
Workorder: E210069
Date Received: 10/13/2022 3:24:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2022 3:24:00PM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 16:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-269	E210069-01A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-270	E210069-02A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-271	E210069-03A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-272	E210069-04A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-273	E210069-05A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-274	E210069-06A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-275	E210069-07A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-276	E210069-08A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-277	E210069-09A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-278	E210069-10A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-279	E210069-11A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-280	E210069-12A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-281	E210069-13A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-282	E210069-14A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-283	E210069-15A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-284	E210069-16A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-285	E210069-17A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-286	E210069-18A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-287	E210069-19A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-288	E210069-20A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 10/21/2022 4:18:52PM
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CS-269

E210069-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: 4-Bromochlorobenzene-PID	102 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	80.3	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	98.6	50.0	1	10/17/22	10/20/22	
Surrogate: n-Nonane	104 %	50-200		10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	62.9	20.0	1	10/17/22	10/20/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-270

E210069-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	28.4	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	59.7	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	63.7	20.0	1	10/17/22	10/20/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-271

E210069-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	107	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	124	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-272

E210069-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	325	250	10	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	ND	500	10	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		88.1 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-273

E210069-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	247	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	319	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-274

E210069-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	53.4	25.0	1	10/17/22	10/20/22	
Oil Range Organics (C28-C36)	58.0	50.0	1	10/17/22	10/20/22	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	25.5	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-275

E210069-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	411	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	465	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	34.3	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-276

E210069-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	379	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	533	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		99.0 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-277

E210069-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	107	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	131	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-278

E210069-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-279

E210069-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-280

E210069-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.5 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	64.1	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	71.4	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-281

E210069-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	245	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	323	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-282

E210069-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	465	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	641	100	2	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-283

E210069-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2242071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2243016	
Diesel Range Organics (C10-C28)	35.4	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2243008	
Chloride	64.1	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-284

E210069-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	56.7	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-285

E210069-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	240	125	5	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	250	5	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-286

E210069-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	60.7	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	76.0	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		91.2 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-287

E210069-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.2 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	33.7	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	73.1	20.0	1	10/17/22	10/21/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:18:52PM

CS-288

E210069-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.7 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
<i>Surrogate: n-Nonane</i>						
		97.8 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243008
Chloride	345	20.0	1	10/17/22	10/21/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:18:52PM

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 (2242071-BLK1)

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.8	70-130			

LCS (2242071-BS1)

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	4.93	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.1	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.2	70-130			

Matrix Spike (2242071-MS1)

Source: E210069-03

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	4.99	0.0250	5.00	ND	99.7	54-133			
Ethylbenzene	4.92	0.0250	5.00	ND	98.3	61-133			
Toluene	5.06	0.0250	5.00	ND	101	61-130			
o-Xylene	5.01	0.0250	5.00	ND	100	63-131			
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			

Matrix Spike Dup (2242071-MSD1)

Source: E210069-03

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	5.09	0.0250	5.00	ND	102	54-133	2.06	20	
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133	2.21	20	
Toluene	5.17	0.0250	5.00	ND	103	61-130	2.10	20	
o-Xylene	5.12	0.0250	5.00	ND	102	63-131	2.13	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	2.20	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	2.18	20	
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:18:52PM

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 (2242071-BLK1) Prepared: 10/14/22 Analyzed: 10/17/22

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

LCS (2242071-BS2) Prepared: 10/14/22 Analyzed: 10/18/22

Gasoline Range Organics (C6-C10)	57.7	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

Matrix Spike (2242071-MS2) Source: E210069-03 Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			

Matrix Spike Dup (2242071-MSD2) Source: E210069-03 Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	19.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:18:52PM

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 (2243016-BLK1)					Prepared: 10/17/22 Analyzed: 10/20/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.9		50.0		97.9	50-200			

LCS (2243016-BS1)					Prepared: 10/17/22 Analyzed: 10/20/22				
Diesel Range Organics (C10-C28)	240	25.0	250		96.1	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			

Matrix Spike (2243016-MS1)					Source: E210069-18		Prepared: 10/17/22 Analyzed: 10/20/22		
Diesel Range Organics (C10-C28)	324	25.0	250	60.7	105	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike Dup (2243016-MSD1)					Source: E210069-18		Prepared: 10/17/22 Analyzed: 10/20/22		
Diesel Range Organics (C10-C28)	330	25.0	250	60.7	108	38-132	1.85	20	
Surrogate: n-Nonane	50.0		50.0		99.9	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:18:52PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2243008-BLK1)					Prepared: 10/17/22 Analyzed: 10/20/22				
Chloride	ND	20.0							
LCS (2243008-BS1)					Prepared: 10/17/22 Analyzed: 10/20/22				
Chloride	246	20.0	250		98.6	90-110			
Matrix Spike (2243008-MS1)					Source: E210069-01		Prepared: 10/17/22 Analyzed: 10/20/22		
Chloride	304	20.0	250	62.9	96.4	80-120			
Matrix Spike Dup (2243008-MSD1)					Source: E210069-01		Prepared: 10/17/22 Analyzed: 10/20/22		
Chloride	302	20.0	250	62.9	95.5	80-120	0.742	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 16:18

- 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.



Page 31 of 33

Client: EOG Project: Same as pg 1000 Hilo ACI Project Manager: Greg Crabtree Address: _____ City, State, Zip _____ Phone: _____ Email: I. Garcia B. Hall G. Crabtree T. Knight Report due by: _____		Bill To Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____		Lab Use Only Lab WO# E210069 Job Number 19034-0016 Analysis and Method DRO, GRO, ORO by 8015 BTX by 8021 Chloride 300.0 VOC by 8260 Metals 6010 Full TCLP w/o H&P Semi-Volatiles 8270 RCI PCB's		TAT 1D 2D 3D Standard X State NM CO UT AZ TX X Remarks		EPA Program CWA SDWA RCRA X							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO, GRO, ORO by 8015	BTX by 8021	Chloride 300.0	VOC by 8260	Metals 6010	Full TCLP w/o H&P	Semi-Volatiles 8270	RCI	PCB's	Remarks
9:49	10/12/22	S	1	CS-279	11	X	X	X							
9:53	10/12/22	S	1	CS-280	12	X	X	X							
9:56	10/12/22	S	1	CS-281	13	X	X	X							
9:59	10/12/22	S	1	CS-282	14	X	X	X							
10:02	10/12/22	S	1	CS-283	15	X	X	X							
10:09	10/12/22	S	1	CS-284	16	X	X	X							
10:15	10/12/22	S	1	CS-285	17	X	X	X							
10:20	10/12/22	S	1	CS-286	18	X	X	X							
10:28	10/12/2022	S	1	CS-287	19	X	X	X							
10:32	10/12/22	S	1	CS-288	20	X	X	X							
x															
x															
date or time of collection is considered fraud and may be grounds for legal action.															
Sampled by: Isaac Garcia															
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only							
		10/13/22	15:24			10/13/22	15:24	Received on ice: <input checked="" type="checkbox"/> N							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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.															

Envirotech Analytical Laboratory

Printed: 10/14/2022 11:28:44AM

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	Date Received: 10/13/22 15:24	Work Order ID: E210069
Phone: (575) 748-4217	Date Logged In: 10/14/22 08:59	Logged In By: Caitlin Christian
Email:	Due Date: 10/20/22 17:00 (5 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: Isaac GarciaComments/Resolution

Project Ocotillo ACI Fed #1 has been separated into 4 reports due to sample volume. Workorders are as follows:
E210068/ E210069/ E210070/ E210071

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? No
11. If yes, were custody/security seals intact? NA
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

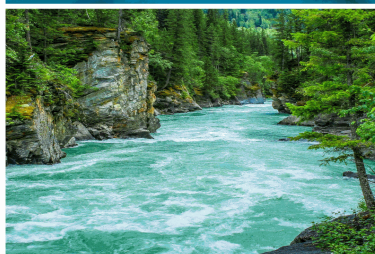
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E210070

Job Number: 19034-0016

Received: 10/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/21/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/21/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E210070
Date Received: 10/13/2022 3:24:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2022 3:24:00PM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 10/21/22 16:15
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-289	E210070-01A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-290	E210070-02A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-291	E210070-03A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-292	E210070-04A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-293	E210070-05A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-294	E210070-06A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-295	E210070-07A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-296	E210070-08A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-297	E210070-09A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-298	E210070-10A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-299	E210070-11A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-300	E210070-12A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-301	E210070-13A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-302	E210070-14A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-303	E210070-15A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-304	E210070-16A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-305	E210070-17A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-306	E210070-18A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-307	E210070-19A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-308	E210070-20A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 10/21/2022 4:15:19PM
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CS-289

E210070-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2242072	
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	102 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	99.8 %	70-130		10/14/22	10/17/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2242072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	102 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	99.8 %	70-130		10/14/22	10/17/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2243015	
Diesel Range Organics (C10-C28)	38.2	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	51.0	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	105 %	50-200		10/17/22	10/21/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2243009	
Chloride	62.9	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-290

E210070-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	98.2 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	98.2 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	116	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	138	100	2	10/17/22	10/21/22	
Surrogate: n-Nonane	100 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	31.9	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-291

E210070-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	10/14/22	10/17/22	
Surrogate: Toluene-d8		100 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	10/14/22	10/17/22	
Surrogate: Toluene-d8		100 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	108	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	213	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane		105 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	53.1	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-292

E210070-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	10/14/22	10/17/22	
Surrogate: Toluene-d8		98.3 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	10/14/22	10/17/22	
Surrogate: Toluene-d8		98.3 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	119	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	159	100	2	10/17/22	10/21/22	
Surrogate: n-Nonane		104 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	ND	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-293

E210070-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	99.3 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	99.3 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	42.4	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	66.3	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	103 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	151	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-294

E210070-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	98.8 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	98.8 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	62.9	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	90.2	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	103 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	168	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-295

E210070-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	99.9 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	99.9 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	65.0	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	90.9	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	106 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	116	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-296

E210070-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	97.0 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/17/22	
Surrogate: Toluene-d8	97.0 %	70-130		10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	91.1	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	129	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	101 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	36.6	20.0	1	10/17/22	10/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-297

E210070-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14/22	10/17/22	
Surrogate: Toluene-d8		99.5 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/22	10/17/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14/22	10/17/22	
Surrogate: Toluene-d8		99.5 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane		103 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	160	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-298

E210070-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	99.8 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	99.8 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	83.1	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	134	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	102 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	85.2	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-299

E210070-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.1 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.1 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	136	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	161	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	99.9 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	35.6	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-300

E210070-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.4 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.4 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	50.3	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	85.4	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	101 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	94.0	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-301

E210070-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		97.3 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		97.3 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	45.2	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	76.4	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane		101 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	479	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-302

E210070-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.3 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.3 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	47.6	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	93.3	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	103 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	276	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-303

E210070-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.8 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.8 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	31.0	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	58.4	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	97.1 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	197	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-304

E210070-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		98.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		102 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		98.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	42.7	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	85.5	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane		102 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	654	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-305

E210070-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.6 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.6 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	42.3	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	93.5	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	107 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	58.8	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-306

E210070-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	100 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	100 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	331	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	592	100	2	10/17/22	10/21/22	
Surrogate: n-Nonane	97.7 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-307

E210070-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.5 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.5 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	104	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	197	100	2	10/17/22	10/21/22	
Surrogate: n-Nonane	100 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	432	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 4:15:19PM

CS-308

E210070-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.7 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	98.7 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243015
Diesel Range Organics (C10-C28)	64.4	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	146	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	107 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243009
Chloride	118	20.0	1	10/17/22	10/18/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:15:19PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2242072-BLK1)

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.540		0.500		108	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

LCS (2242072-BS1)

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	2.45	0.0250	2.50		97.9	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.8	70-130			
Toluene	2.41	0.0250	2.50		96.6	70-130			
o-Xylene	2.46	0.0250	2.50		98.4	70-130			
p,m-Xylene	4.90	0.0500	5.00		97.9	70-130			
Total Xylenes	7.36	0.0250	7.50		98.1	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.550		0.500		110	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

Matrix Spike (2242072-MS1)

Source: E210070-03

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	2.15	0.0250	2.50	ND	85.8	48-131			
Ethylbenzene	2.13	0.0250	2.50	ND	85.0	45-135			
Toluene	2.18	0.0250	2.50	ND	87.2	48-130			
o-Xylene	2.22	0.0250	2.50	ND	88.7	43-135			
p,m-Xylene	4.39	0.0500	5.00	ND	87.9	43-135			
Total Xylenes	6.61	0.0250	7.50	ND	88.2	43-135			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.554		0.500		111	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

Matrix Spike Dup (2242072-MSD1)

Source: E210070-03

Prepared: 10/14/22 Analyzed: 10/17/22

Benzene	2.40	0.0250	2.50	ND	96.0	48-131	11.3	23	
Ethylbenzene	2.45	0.0250	2.50	ND	97.8	45-135	14.0	27	
Toluene	2.51	0.0250	2.50	ND	100	48-130	13.9	24	
o-Xylene	2.53	0.0250	2.50	ND	101	43-135	13.2	27	
p,m-Xylene	5.06	0.0500	5.00	ND	101	43-135	14.1	27	
Total Xylenes	7.59	0.0250	7.50	ND	101	43-135	13.8	27	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.532		0.500		106	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:15:19PM

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 (2242072-BLK1)

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.540		0.500		108	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

LCS (2242072-BS2)

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.542		0.500		108	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

Matrix Spike (2242072-MS2)

Source: E210070-03

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.556		0.500		111	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

Matrix Spike Dup (2242072-MSD2)

Source: E210070-03

Prepared: 10/14/22 Analyzed: 10/17/22

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130	6.31	20	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.559		0.500		112	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:15:19PM

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 (2243015-BLK1)

Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	50-200			

LCS (2243015-BS1)

Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	248	25.0	250		99.4	38-132			
Surrogate: n-Nonane	48.2		50.0		96.5	50-200			

Matrix Spike (2243015-MS1)

Source: E210070-15

Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	228	25.0	250	31.0	78.8	38-132			
Surrogate: n-Nonane	49.9		50.0		99.9	50-200			

Matrix Spike Dup (2243015-MSD1)

Source: E210070-15

Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	259	25.0	250	31.0	91.4	38-132	12.9	20	
Surrogate: n-Nonane	45.3		50.0		90.5	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 4:15:19PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2243009-BLK1)					Prepared: 10/17/22 Analyzed: 10/17/22				
Chloride	ND	20.0							
LCS (2243009-BS1)					Prepared: 10/17/22 Analyzed: 10/17/22				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2243009-MS1)					Source: E210070-01		Prepared: 10/17/22 Analyzed: 10/17/22		
Chloride	316	20.0	250	62.9	101	80-120			
Matrix Spike Dup (2243009-MSD1)					Source: E210070-01		Prepared: 10/17/22 Analyzed: 10/17/22		
Chloride	310	20.0	250	62.9	98.7	80-120	2.15	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 16:15

- 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.

Client: EOG Project: Same CES pg 600-111g ACT Project Manager: Greg Crabtree Address: Fed #1 City, State, Zip: _____ Phone: _____ Email: I. Garcia B. Hall G. Crabtree T. Knight Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# E210070 Job Number 19034-0014 Analysis and Method DRQ, GRO, ORO by 8015, BTX by 8021, Chloride 300.0, VOC by 8260, Metals 6010, Full TCLP w/o H&P, Semi-Volatiles 8270, RCI, PCB's										TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA X																									
Time Sampled					Date Sampled					Matrix					No. of Containers					Sample ID					Lab Number					State NM CO UT AZ TX X										Remarks									
10:38					10/12/22					S					1					CS-289					1					X X X																			
10:41					10/12/22					S					1					CS-290					2					X X X																			
10:43					10/12/22					S					1					CS-291					3					X X X																			
10:46					10/12/22					S					1					CS-292					4					X X X																			
10:52					10/12/22					S					1					CS-293					5					X X X																			
10:55					10/12/22					S					1					CS-294					6					X X X																			
10:58					10/12/22					S					1					CS-295					7					X X X																			
11:00					10/12/22					S					1					CS-296					8					X X X																			
11:02					10/12/22					S					1					CS-297					9					X X X																			
11:06					10/12/22					S					1					CS-298					10					X X X																			
X																																																	
X																																																	
date or time of collection is considered fraud and may be grounds for legal action.																				Sampled by: Isaac Garcia										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) Isaac Garcia										Date 10/13/22					Time 15:24					Received by: (Signature) Isaac Garcia										Date 10/13/22					Time 15:24					Lab Use Only Received on ice: Y/N									
Relinquished by: (Signature)										Date					Time					Received by: (Signature)										Date					Time					T1 T2 T3									
Relinquished by: (Signature)										Date					Time					Received by: (Signature)										Date					Time					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.																																																	

Client: EOG as per McCallisto ACT Project: SANIC as per Project Manager: Greg Crabtree Address: _____ City, State, Zip: _____ Phone: _____ Email: All Enviro Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# E210070 Job Number 19034-0016 Analysis and Method 020,000,020 020,1378X 300.0 Chlorides					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA X State NM CO UT AZ TX	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															Remarks
11:08	10/12/22	S	1	CS-299	11	X	X	X												
11:11	10/12/22	S	1	CS-300	12	X	X	X												
11:13	10/12/22	S	1	CS-301	13	X	X	X												
11:16	10/12/22	S	1	CS-302	14	X	X	X												
11:19	10/12/22	S	1	CS-303	15	X	X	X												
11:21	10/12/22	S	1	CS-304	16	X	X	X												
11:25	10/12/22	S	1	CS-305	17	X	X	X												
11:28	10/12/22	S	1	CS-306	18	X	X	X												
11:31	10/12/22	S	1	CS-307	19	X	X	X												
11:35	10/12/22	S	1	CS-308	20															
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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) <i>[Signature]</i> Date 10/13/22 Time 15:24										Received by: (Signature) <i>[Signature]</i> Date 10/13/22 Time 15:24										
Relinquished by: (Signature) _____ Date _____ Time _____										Received by: (Signature) _____ Date _____ Time _____										
Relinquished by: (Signature) _____ Date _____ Time _____										Received by: (Signature) _____ Date _____ Time _____										
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.																				

Envirotech Analytical Laboratory

Printed: 10/14/2022 11:30:16AM

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	Date Received:	10/13/22 15:24	Work Order ID:	E210070
Phone:	(575) 748-4217	Date Logged In:	10/14/22 09:01	Logged In By:	Caitlin Christian
Email:		Due Date:	10/20/22 17:00 (5 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: Isaac GarciaComments/Resolution

Project Ocotillo ACI Fed #1 has been separated into 4 reports due to sample volume. Workorders are as follows:
E210068/ E210069/ E210070/ E210071

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? No
11. If yes, were custody/security seals intact? NA
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

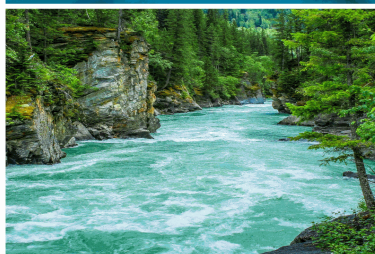
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E210071

Job Number: 19034-0016

Received: 10/13/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/21/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/21/22



Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Ocotillo ACI Fed # 1
Workorder: E210071
Date Received: 10/13/2022 3:24:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2022 3:24:00PM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 17:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-309	E210071-01A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-310	E210071-02A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-311	E210071-03A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-312	E210071-04A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-313	E210071-05A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-314	E210071-06A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-315	E210071-07A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-316	E210071-08A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-317	E210071-09A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-318	E210071-10A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-319	E210071-11A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-320	E210071-12A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-321	E210071-13A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-322	E210071-14A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.
CS-323	E210071-15A	Soil	10/12/22	10/13/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 10/21/2022 5:24:01PM
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CS-309

E210071-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2242073	
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2242073	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2243014	
Diesel Range Organics (C10-C28)	78.3	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	91.8	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	107 %	50-200		10/17/22	10/21/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2243010	
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-310

E210071-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	107 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	107 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	85.5	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	108	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	108 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	199	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-311

E210071-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	101 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	101 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	113	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	131	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	112 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	80.2	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-312

E210071-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	53.0	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	64.8	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	106 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-313

E210071-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	139	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	154	100	2	10/17/22	10/21/22	
Surrogate: n-Nonane	112 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-314

E210071-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	102 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	102 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	53.4	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	59.8	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	107 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	417	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-315

E210071-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	103 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	103 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	129	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	180	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	110 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-316

E210071-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	104 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	102	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	138	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	112 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-317

E210071-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	32.8	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane		115 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	106	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-318

E210071-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	99.4 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	99.4 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	218	125	5	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	250	5	10/17/22	10/21/22	
Surrogate: n-Nonane	120 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-319

E210071-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	99.7 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	99.7 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	127	50.0	2	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	129	100	2	10/17/22	10/21/22	
Surrogate: n-Nonane	109 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	113	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-320

E210071-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	97.9 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	97.9 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	53.6	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	70.7	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	117 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-321

E210071-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		98.3 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		98.3 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	64.2	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	78.4	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane		109 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-322

E210071-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	100 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		10/14/22	10/18/22	
Surrogate: Toluene-d8	100 %	70-130		10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	252	25.0	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	347	50.0	1	10/17/22	10/21/22	
Surrogate: n-Nonane	110 %	50-200		10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
10/21/2022 5:24:01PM

CS-323

E210071-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		98.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130	10/14/22	10/18/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	10/14/22	10/18/22	
Surrogate: Toluene-d8		98.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2243014
Diesel Range Organics (C10-C28)	159	125	5	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	250	5	10/17/22	10/21/22	
Surrogate: n-Nonane		118 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17/22	10/18/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 5:24:01PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2242073-BLK1)

Prepared: 10/14/22 Analyzed: 10/18/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

LCS (2242073-BS1)

Prepared: 10/14/22 Analyzed: 10/18/22

Benzene	2.44	0.0250	2.50		97.7	70-130			
Ethylbenzene	2.42	0.0250	2.50		96.9	70-130			
Toluene	2.38	0.0250	2.50		95.3	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.7	70-130			
Total Xylenes	6.83	0.0250	7.50		91.0	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS Dup (2242073-BSD1)

Prepared: 10/14/22 Analyzed: 10/18/22

Benzene	2.54	0.0250	2.50		102	70-130	3.89	23	
Ethylbenzene	2.49	0.0250	2.50		99.7	70-130	2.87	27	
Toluene	2.45	0.0250	2.50		97.9	70-130	2.69	24	
o-Xylene	2.36	0.0250	2.50		94.6	70-130	3.20	27	
p,m-Xylene	4.68	0.0500	5.00		93.7	70-130	3.19	27	
Total Xylenes	7.05	0.0250	7.50		94.0	70-130	3.19	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 5:24:01PM

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 (2242073-BLK1)

Prepared: 10/14/22 Analyzed: 10/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

LCS (2242073-BS2)

Prepared: 10/14/22 Analyzed: 10/18/22

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

LCS Dup (2242073-BSD2)

Prepared: 10/14/22 Analyzed: 10/18/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130	1.70	20	
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 5:24:01PM

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 (2243014-BLK1) Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.9		50.0		112	50-200			

LCS (2243014-BS1) Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	242	25.0	250		96.8	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			

Matrix Spike (2243014-MS1) Source: E210071-03 Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	305	25.0	250	113	76.8	38-132			
Surrogate: n-Nonane	46.6		50.0		93.2	50-200			

Matrix Spike Dup (2243014-MSD1) Source: E210071-03 Prepared: 10/17/22 Analyzed: 10/21/22

Diesel Range Organics (C10-C28)	300	25.0	250	113	74.7	38-132	1.73	20	
Surrogate: n-Nonane	54.0		50.0		108	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/2022 5:24:01PM

Anions by EPA 300.0/9056A

Analyst: RAS

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 (2243010-BLK1)

Prepared: 10/17/22 Analyzed: 10/18/22

Chloride ND 20.0

LCS (2243010-BS1)

Prepared: 10/17/22 Analyzed: 10/18/22

Chloride 256 20.0 250 102 90-110

Matrix Spike (2243010-MS1)

Source: E210071-01

Prepared: 10/17/22 Analyzed: 10/18/22

Chloride 257 20.0 250 ND 103 80-120

Matrix Spike Dup (2243010-MSD1)

Source: E210071-01

Prepared: 10/17/22 Analyzed: 10/18/22

Chloride 256 20.0 250 ND 103 80-120 0.374 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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 17:24

- 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.

Client: <u>EOG as ps /ootillo ACE</u> Project: <u>Fed #1</u> Project Manager: Greg Crabtree Address: _____ City, State, Zip: _____ Phone: _____ Email: All Enviro Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# <u>E 210071</u> Job Number <u>19034-0016</u> Analysis and Method <u>805 GABR/RO, OGD</u> <u>805 DTEX</u> <u>800 OCH/ONILG</u>					TAT 1D <u></u> 2D <u></u> 3D <u></u> Standard <u>X</u>				EPA Program CWA <u></u> SDWA <u></u> RCRA <u>X</u> State NM <u>X</u> CO <u></u> UT <u></u> AZ <u></u> TX <u></u>	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													Remarks		
11:37	10/12/22	S	1	CS-309	1	X	X	X												
11:40	10/12/22	S	1	CS-310	2	X	X	X												
11:45	10/12/22	S	1	CS-311	3	X	X	X												
11:47	10/12/22	S	1	CS-312	4	X	X	X												
11:50	10/12/22	S	1	CS-313	5	X	X	X												
11:52	10/12/22	S	1	CS-314	6	X	X	X												
11:56	10/12/22	S	1	CS-315	7	X	X	X												
11:58	10/12/22	S	1	CS-316	8	X	X	X												
12:12	10/12/22	S	1	CS-317	9	X	X	X												
12:15	10/12/22	S	1	CS-318	10	X	X	X												
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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 <u>10/13/22</u>		Time <u>15:24</u>		Received by: (Signature) <u>[Signature]</u>					Date <u>10/13/22</u>		Time <u>15:24</u>		Lab Use Only Received on ice: <u>(Y)</u> / N		
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		T1 _____ T2 _____ T3 _____		
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		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.																				

Page 8 of 8

Envirotech Analytical Laboratory

Printed: 10/14/2022 11:36:40AM

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	Date Received:	10/13/22 15:24	Work Order ID:	E210071
Phone:	(575) 748-4217	Date Logged In:	10/14/22 09:03	Logged In By:	Caitlin Christian
Email:		Due Date:	10/20/22 17:00 (5 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: Isaac GarciaComments/Resolution

Project Ocotillo ACI Fed #1 has been separated into 4 reports due to sample volume. Workorders are as follows:
E210068/ E210069/ E210070/ E210071

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? No
11. If yes, were custody/security seals intact? NA
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

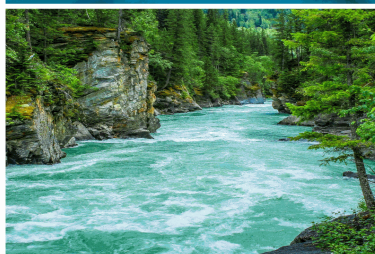
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E211090

Job Number: 19034-0016

Received: 11/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/20/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/20/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E211090
Date Received: 11/17/2022 8:13:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/17/2022 8:13:00AM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 11/20/22 13:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
249C	E211090-01A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
250C	E211090-02A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
251C	E211090-03A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
252C	E211090-04A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
253C	E211090-05A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
254C	E211090-06A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
255C	E211090-07A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
256C	E211090-08A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
257C	E211090-09A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
258C	E211090-10A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
259C	E211090-11A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
260C	E211090-12A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
263C	E211090-13A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
264C	E211090-14A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
265C	E211090-15A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
266C	E211090-16A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
267C	E211090-17A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
268C	E211090-18A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
269C	E211090-19A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
271C	E211090-20A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 11/20/2022 1:51:59PM
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249C

E211090-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2247056	
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: 4-Bromochlorobenzene-PID	106 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2247056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.7 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2247089	
Diesel Range Organics (C10-C28)	57.8	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane	104 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2247067	
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

250C

E211090-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.8 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	158	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	145	50.0	1	11/17/22	11/18/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

251C

E211090-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	66.8	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	57.1	50.0	1	11/17/22	11/18/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

252C

E211090-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	248	125	5	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	250	5	11/17/22	11/18/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	22.7	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

253C

E211090-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.8 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	83.7	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	73.4	50.0	1	11/17/22	11/18/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

254C

E211090-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.5 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	347	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	295	250	5	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

255C

E211090-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	132	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	116	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

256C

E211090-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.9 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	83.8	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	77.9	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

257C

E211090-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	319	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	250	5	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

258C

E211090-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	53.0	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	195	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

259C

E211090-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.3 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	81.1	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	62.6	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	56.5	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

260C

E211090-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.6 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	141	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	142	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

263C

E211090-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.5 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	108	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	106	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	34.7	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

264C

E211090-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.4 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	114	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	115	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	28.9	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

265C

E211090-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.7 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	62.8	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	52.3	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		113 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	36.2	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

266C

E211090-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.0 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	253	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	250	5	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		120 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	76.6	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

267C

E211090-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	203	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	193	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	22.1	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

268C

E211090-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	93.2	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	103	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

269C

E211090-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	64.3	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	60.1	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	154	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/20/2022 1:51:59PM

271C

E211090-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247089
Diesel Range Organics (C10-C28)	159	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	163	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/18/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/20/2022 1:51:59PM

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 (2247056-BLK1)

Prepared: 11/17/22 Analyzed: 11/17/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	70-130			

LCS (2247056-BS1)

Prepared: 11/17/22 Analyzed: 11/17/22

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
Toluene	5.26	0.0250	5.00		105	70-130			
o-Xylene	5.22	0.0250	5.00		104	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.52		8.00		107	70-130			

LCS Dup (2247056-BSD1)

Prepared: 11/17/22 Analyzed: 11/17/22

Benzene	5.31	0.0250	5.00		106	70-130	1.37	20	
Ethylbenzene	5.18	0.0250	5.00		104	70-130	1.40	20	
Toluene	5.33	0.0250	5.00		107	70-130	1.28	20	
o-Xylene	5.30	0.0250	5.00		106	70-130	1.38	20	
p,m-Xylene	10.5	0.0500	10.0		105	70-130	1.43	20	
Total Xylenes	15.8	0.0250	15.0		105	70-130	1.41	20	
Surrogate: 4-Bromochlorobenzene-PID	8.46		8.00		106	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/20/2022 1:51:59PM

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 (2247056-BLK1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

LCS (2247056-BS2)					Prepared: 11/17/22 Analyzed: 11/17/22				
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

LCS Dup (2247056-BSD2)					Prepared: 11/17/22 Analyzed: 11/17/22				
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.2	70-130	1.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/20/2022 1:51:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2247089-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			

LCS (2247089-BS1)

Prepared: 11/17/22 Analyzed: 11/18/22

Diesel Range Organics (C10-C28)	247	25.0	250		98.7	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			

Matrix Spike (2247089-MS1)

Source: E211090-10

Prepared: 11/17/22 Analyzed: 11/18/22

Diesel Range Organics (C10-C28)	265	25.0	250	53.0	85.0	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			

Matrix Spike Dup (2247089-MSD1)

Source: E211090-10

Prepared: 11/17/22 Analyzed: 11/18/22

Diesel Range Organics (C10-C28)	312	25.0	250	53.0	103	38-132	16.0	20	
Surrogate: n-Nonane	54.6		50.0		109	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/20/2022 1:51:59PM

Anions by EPA 300.0/9056A

Analyst: KL

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 (2247067-BLK1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Chloride	ND	20.0							
LCS (2247067-BS1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2247067-MS1)					Source: E211090-01		Prepared: 11/17/22 Analyzed: 11/17/22		
Chloride	280	20.0	250	ND	112	80-120			
Matrix Spike Dup (2247067-MSD1)					Source: E211090-01		Prepared: 11/17/22 Analyzed: 11/17/22		
Chloride	277	20.0	250	ND	111	80-120	0.887	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/20/22 13:51

- 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.



Client: EOG Project: Ocotillo ACI Fed #1 Project Manager: Greg Crabtree Address: City, State, Zip Phone: Email: All Enviro					Bill To Attention: Address: City, State, Zip Phone: Email:					Lab Use Only Lab WO# E211090 Job Number 19034-0016 Analysis and Method					TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
														RCRA x						
														State NM CO UT AZ TX						
														x						
														Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC														
8:04	11/16/22	S	1	249C	1	x														
8:09	11/16/22	S	1	250C	2	x														
8:13	11/16/22	S	1	251C	3	x														
8:17	11/16/22	S	1	252C	4	x														
8:21	11/16/22	S	1	253C	5	x														
8:24	11/16/22	S	1	254C	6	x														
8:28	11/16/22	S	1	255C	7	x														
8:33	11/16/22	S	1	256C	8	x														
8:37	11/16/22	S	1	257C	9	x														
8:42	11/16/22	S	1	258C	10	x														
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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>Austin Foutz</u> Date <u>11/16/22</u> Time <u>21:15</u>												Received by: (Signature) <u>Patrick Mesa</u> Date <u>11/17/22</u> Time <u>8:13</u>								
Relinquished by: (Signature) _____ Date _____ Time _____												Received by: (Signature) _____ Date _____ Time _____								
Relinquished by: (Signature) _____ Date _____ Time _____												Received by: (Signature) _____ Date _____ Time _____								
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.																				

Client: EOG					Bill To					Lab Use Only				TAT				EPA Program			
Project: Ocotillo ACI Fed #1										Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Greg Crabtree					Address:					E211090		19034-0016			X		*				
Address:					City, State, Zip					Analysis and Method										RCRA	
City, State, Zip					Phone:															x	
Phone:					Email:															State	
Email: All Enviro																				NM CO UT AZ TX	
Report due by:																				x	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC												Remarks			
8:45	11/16/22	S	1	259C	11	x															
8:48	11/16/22	S	1	260C	12	x															
8:53	11/16/22	S	1	263C	13	x															
8:57	11/16/22	S	1	264C	14	x															
8:59	11/16/22	S	1	265C	15	x															
9:00	11/16/22	S	1	266C	16	x															
9:02	11/16/22	S	1	267C	17	x															
9:05	11/16/22	S	1	268C	18	x															
9:10	11/16/22	S	1	269C	19	x															
9:16	11/16/22	S	1	271C	20	x															
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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.									
Sampled by: Austin Foutz																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only													
<i>Austin Foutz</i>		11/16/22	21:15	<i>Auth Chute</i>		11/17/22	8:13	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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.																					

Envirotech Analytical Laboratory

Printed: 11/17/2022 12:11:30PM

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	Date Received:	11/17/22 08:13	Work Order ID:	E211090
Phone:	(575) 748-4217	Date Logged In:	11/17/22 08:24	Logged In By:	Caitlin Christian
Email:		Due Date:	11/21/22 17:00 (2 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: Austin FoutzSample 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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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 InstructionComments/Resolution

Project has been separated into 3 reports due to sample volume. Workorders are as follows: E211090/E211092/E211093.

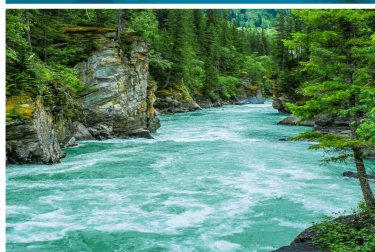
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E211092

Job Number: 19034-0016

Received: 11/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/21/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/21/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E211092
Date Received: 11/17/2022 8:13:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/17/2022 8:13:00AM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/22 15:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
272C	E211092-01A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
273C	E211092-02A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
274C	E211092-03A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
275C	E211092-04A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
276C	E211092-05A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
277C	E211092-06A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
280C	E211092-07A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
281C	E211092-08A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
282C	E211092-09A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
285C	E211092-10A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
286C	E211092-11A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
287C	E211092-12A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
290C	E211092-13A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
291C	E211092-14A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
292C	E211092-15A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
293C	E211092-16A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
294C	E211092-17A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
295C	E211092-18A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
296C	E211092-19A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
298C	E211092-20A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 11/21/2022 3:24:10PM
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272C

E211092-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	97.5 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	97.5 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	277	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	276	250	5	11/17/22	11/19/22	
Surrogate: n-Nonane	104 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

273C

E211092-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	97.3 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	99.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	97.3 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	315	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	356	250	5	11/17/22	11/19/22	
Surrogate: n-Nonane	100 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

274C

E211092-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	52.9	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	60.7	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	107 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

275C

E211092-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.1 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.1 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	520	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	576	250	5	11/17/22	11/19/22	
Surrogate: n-Nonane	114 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

276C

E211092-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		98.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		98.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	539	250	10	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	695	500	10	11/17/22	11/19/22	
Surrogate: n-Nonane		96.4 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	34.9	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

277C

E211092-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	156	25.0	1	11/17/22	11/20/22	
Oil Range Organics (C28-C36)	236	50.0	1	11/17/22	11/20/22	
Surrogate: n-Nonane	98.7 %	50-200		11/17/22	11/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

280C

E211092-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		99.1 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		99.1 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	100	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	147	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		94.7 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

281C

E211092-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		98.1 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		98.1 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	389	250	10	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	500	10	11/17/22	11/19/22	
Surrogate: n-Nonane		96.0 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

282C

E211092-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	98.5 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	98.5 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	447	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	450	250	5	11/17/22	11/19/22	
Surrogate: n-Nonane	109 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

285C

E211092-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	229	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	271	250	5	11/17/22	11/19/22	
Surrogate: n-Nonane	104 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	20.4	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

286C

E211092-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	99.7 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	99.7 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	138	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	250	5	11/17/22	11/19/22	
Surrogate: n-Nonane	98.1 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	25.5	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

287C

E211092-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	97.1 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	97.1 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	103	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	145	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	104 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

290C

E211092-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	45.1	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	60.8	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		90.5 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

291C

E211092-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	98.2 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	98.2 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	96.5	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	130	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	101 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	93.7	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

292C

E211092-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	99.9 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	99.9 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	174	25.0	1	11/17/22	11/20/22	
Oil Range Organics (C28-C36)	274	50.0	1	11/17/22	11/20/22	
Surrogate: n-Nonane	115 %	50-200		11/17/22	11/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

293C

E211092-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	98.3 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	98.3 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	41.1	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	61.3	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	106 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	76.6	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

294C

E211092-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		103 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		94.8 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		103 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		94.8 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	55.8	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	81.1	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		103 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	194	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

295C

E211092-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		109 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		96.6 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene		109 %	70-130	11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/19/22	
Surrogate: Toluene-d8		96.6 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	81.6	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	108	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	162	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

296C

E211092-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	140	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	198	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	106 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	29.3	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 3:24:10PM

298C

E211092-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	99.4 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		11/17/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		11/17/22	11/19/22	
Surrogate: Toluene-d8	99.4 %	70-130		11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247090
Diesel Range Organics (C10-C28)	55.3	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	89.3	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	91.6 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247068
Chloride	88.6	20.0	1	11/17/22	11/18/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

Volatile Organic Compounds by EPA 8260B

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 (2247057-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.554		0.500		111	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2247057-BS1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	2.27	0.0250	2.50		90.9	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.8	70-130			
Toluene	2.29	0.0250	2.50		91.6	70-130			
o-Xylene	2.37	0.0250	2.50		94.9	70-130			
p,m-Xylene	4.70	0.0500	5.00		94.1	70-130			
Total Xylenes	7.08	0.0250	7.50		94.3	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.566		0.500		113	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

LCS Dup (2247057-BSD1)

Prepared: 11/17/22 Analyzed: 11/19/22

Benzene	2.22	0.0250	2.50		88.6	70-130	2.52	23	
Ethylbenzene	2.24	0.0250	2.50		89.7	70-130	1.24	27	
Toluene	2.25	0.0250	2.50		89.8	70-130	1.92	24	
o-Xylene	2.32	0.0250	2.50		93.0	70-130	2.04	27	
p,m-Xylene	4.60	0.0500	5.00		92.0	70-130	2.24	27	
Total Xylenes	6.92	0.0250	7.50		92.3	70-130	2.17	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.557		0.500		111	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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 (2247057-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.554		0.500		111	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2247057-BS2)

Prepared: 11/17/22 Analyzed: 11/20/22

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.3	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.541		0.500		108	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.1	70-130			

LCS Dup (2247057-BSD2)

Prepared: 11/17/22 Analyzed: 11/19/22

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130	8.15	20	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.572		0.500		114	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2247090-BLK1)					Prepared: 11/17/22 Analyzed: 11/19/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	50-200			

LCS (2247090-BS1)					Prepared: 11/17/22 Analyzed: 11/19/22				
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

Matrix Spike (2247090-MS1)					Source: E211092-06		Prepared: 11/17/22 Analyzed: 11/20/22		
Diesel Range Organics (C10-C28)	405	25.0	250	156	99.6	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike Dup (2247090-MSD1)					Source: E211092-06		Prepared: 11/17/22 Analyzed: 11/20/22		
Diesel Range Organics (C10-C28)	409	25.0	250	156	101	38-132	1.11	20	
Surrogate: n-Nonane	53.7		50.0		107	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

Anions by EPA 300.0/9056A

Analyst: RAS

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 (2247068-BLK1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Chloride	ND	20.0							
LCS (2247068-BS1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2247068-MS1)					Source: E211092-01		Prepared: 11/17/22 Analyzed: 11/17/22		
Chloride	287	20.0	250	ND	115	80-120			
Matrix Spike Dup (2247068-MSD1)					Source: E211092-01		Prepared: 11/17/22 Analyzed: 11/18/22		
Chloride	286	20.0	250	ND	114	80-120	0.573	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/22 15:24

- 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.

Client: EOG					Bill To					Lab Use Only					TAT				EPA Program					
Project: Ocotillo ACI Fed #1										Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Greg Crabtree					Address:					E211092		19034-0016				X		*						
Address:					City, State, Zip					Analysis and Method										RCRA				
City, State, Zip					Phone:															x				
Phone:					Email:															State				
Email: All Enviro																				NM	CO	UT	AZ	TX
Report due by:																				x				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BOGOC													Remarks					
9:21	11/16/22	S	1	272C	1	x																		
9:25	11/16/22	S	1	273C	2	x																		
9:29	11/16/22	S	1	274C	3	x																		
9:33	11/16/22	S	1	275C	4	x																		
9:39	11/16/22	S	1	276C	5	x																		
9:43	11/16/22	S	1	277C	6	x																		
9:48	11/16/22	S	1	280C	7	x																		
9:55	11/16/22	S	1	281C	8	x																		
10:01	11/16/22	S	1	282C	9	x																		
10:05	11/16/22	S	1	285C	10	x																		
Additional Instructions:																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															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.									
Sampled by: Austin Foutz																								
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		Lab Use Only										
Austin Foutz			11/16/22		21:15		Caitlin Chute			11/17/22		8:13		Received on ice: 0/ N										
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		T1 T2 T3										
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		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.																								

Client: EOG					Bill To					Lab Use Only					TAT				EPA Program		
Project: Ocotillo ACI Fed #1										Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Greg Crabtree					Address:					E211092		19034-0016				X		*			
Address:					City, State, Zip					Analysis and Method										RCRA	
City, State, Zip					Phone:															x	
Phone:					Email:															State	
Email: All Enviro																				NM CO UT AZ TX	
Report due by:																				x	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC													Remarks		
10:11	11/16/22	S	1	286C	11	X															
10:17		S	1	287C	12	X															
10:24		S	1	290C	13	X															
10:28		S	1	291C	14	X															
10:33		S	1	292C	15	X															
10:37		S	1	293C	16	X															
10:43		S	1	294C	17	X															
10:47		S	1	295C	18	X															
10:51		S	1	296C	19	X															
10:56	V	S	1	298C	20	X															
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															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.						
Sampled by: Austin Foutz																					
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		Lab Use Only							
Austin Foutz			11/16/22		21:15		Austin Crabtree			11/17/22		8:13		Received on ice: Y N							
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		T1 T2 T3							
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		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.																					

Envirotech Analytical Laboratory

Printed: 11/17/2022 12:12:17PM

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	Date Received:	11/17/22 08:13	Work Order ID:	E211092
Phone:	(575) 748-4217	Date Logged In:	11/17/22 08:34	Logged In By:	Caitlin Christian
Email:		Due Date:	11/21/22 17:00 (2 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: Austin FoutzComments/Resolution

Project has been separated into 3 reports due to sample volume. Workorders are as follows: E211090/E211092/E211093.

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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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

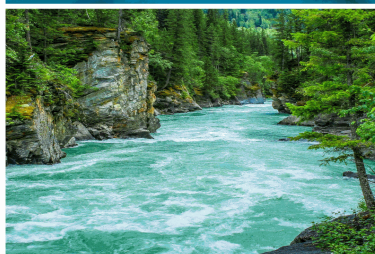
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E211093

Job Number: 19034-0016

Received: 11/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/21/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/21/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E211093
Date Received: 11/17/2022 8:13:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/17/2022 8:13:00AM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 11/21/22 11:15
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
299C	E211093-01A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
300C	E211093-02A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
301C	E211093-03A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
302C	E211093-04A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
303C	E211093-05A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
304C	E211093-06A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
305C	E211093-07A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
306C	E211093-08A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
307C	E211093-09A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
308C	E211093-10A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
309C	E211093-11A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
310C	E211093-12A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
311C	E211093-13A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
312C	E211093-14A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
313C	E211093-15A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
314C	E211093-16A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
315C	E211093-17A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
316C	E211093-18A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
317C	E211093-19A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
318C	E211093-20A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
319C	E211093-21A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
320C	E211093-22A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
321C	E211093-23A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
322C	E211093-24A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.
323C	E211093-25A	Soil	11/16/22	11/17/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 11/21/2022 11:15:52AM
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299C

E211093-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2247058	
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID	99.3 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2247058	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.7 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2247088	
Diesel Range Organics (C10-C28)	127	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	178	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	105 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2247069	
Chloride	24.4	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

300C

E211093-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.6 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	41.6	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	56.6	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	259	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
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301C

E211093-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID	98.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.1 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	45.5	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	56.9	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane	100 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	592	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

302C

E211093-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	145	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	250	5	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		92.2 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	252	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

303C

E211093-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	40.8	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	51.7	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	77.0	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

304C

E211093-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	54.2	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	60.2	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	375	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
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305C

E211093-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	53.4	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	57.6	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	541	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
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306C

E211093-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	170	125	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	250	5	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

307C

E211093-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.0 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	37.6	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	107	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

308C

E211093-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.6 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	33.1	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	430	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

309C

E211093-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	34.4	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

310C

E211093-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.9 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	64.4	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	84.4	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	65.4	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

311C

E211093-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	151	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	186	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	86.4	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

312C

E211093-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.3 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	64.7	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	85.2	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	114	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

313C

E211093-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.5 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	78.4	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	114	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	76.5	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

314C

E211093-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2247058	
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2247058	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2247088	
Diesel Range Organics (C10-C28)	62.9	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	95.0	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2247069	
Chloride	626	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

315C

E211093-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.9 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	89.7	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	140	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	25.3	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

316C

E211093-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.6 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	39.9	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	55.4	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	40.2	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
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317C

E211093-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.1 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	111	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

318C

E211093-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Benzene	ND	0.0250	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/19/22	
Toluene	ND	0.0250	1	11/17/22	11/19/22	
o-Xylene	ND	0.0250	1	11/17/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247088
Diesel Range Organics (C10-C28)	50.6	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	74.1	50.0	1	11/17/22	11/19/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247069
Chloride	ND	20.0	1	11/17/22	11/19/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

319C

E211093-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247060
Diesel Range Organics (C10-C28)	123	50.0	2	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	100	2	11/17/22	11/18/22	
Surrogate: n-Nonane	100 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247070
Chloride	42.6	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
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320C

E211093-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	102 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	102 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247060
Diesel Range Organics (C10-C28)	113	50.0	2	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	100	2	11/17/22	11/18/22	
Surrogate: n-Nonane	108 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247070
Chloride	37.7	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

321C

E211093-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247060
Diesel Range Organics (C10-C28)	76.7	50.0	2	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	100	2	11/17/22	11/18/22	
Surrogate: n-Nonane	114 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247070
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

322C

E211093-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.3 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.3 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247060
Diesel Range Organics (C10-C28)	201	125	5	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	250	5	11/17/22	11/18/22	
Surrogate: n-Nonane	124 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247070
Chloride	ND	20.0	1	11/17/22	11/18/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
11/21/2022 11:15:52AM

323C

E211093-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247060
Diesel Range Organics (C10-C28)	115	50.0	2	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	101	100	2	11/17/22	11/18/22	
Surrogate: n-Nonane	115 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247070
Chloride	ND	20.0	1	11/17/22	11/18/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2247065-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.2	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

LCS (2247065-BS1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.5	70-130			
Toluene	2.38	0.0250	2.50		95.0	70-130			
o-Xylene	2.32	0.0250	2.50		92.8	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.8	70-130			
Total Xylenes	6.86	0.0250	7.50		91.5	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS Dup (2247065-BSD1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	2.53	0.0250	2.50		101	70-130	0.655	23	
Ethylbenzene	2.43	0.0250	2.50		97.0	70-130	0.475	27	
Toluene	2.38	0.0250	2.50		95.4	70-130	0.378	24	
o-Xylene	2.31	0.0250	2.50		92.5	70-130	0.237	27	
p,m-Xylene	4.56	0.0500	5.00		91.2	70-130	0.472	27	
Total Xylenes	6.88	0.0250	7.50		91.7	70-130	0.233	27	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2247058-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

LCS (2247058-BS1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.3	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

LCS Dup (2247058-BSD1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	5.14	0.0250	5.00		103	70-130	0.314	20	
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130	0.108	20	
Toluene	5.15	0.0250	5.00		103	70-130	0.376	20	
o-Xylene	5.12	0.0250	5.00		102	70-130	0.965	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	0.103	20	
Total Xylenes	15.2	0.0250	15.0		101	70-130	0.256	20	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

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 (2247058-BLK1) Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			

LCS (2247058-BS2) Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

LCS Dup (2247058-BSD2) Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.7	70-130	14.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

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 (2247065-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.2	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

LCS (2247065-BS2)

Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS Dup (2247065-BSD2)

Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130	1.16	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.447		0.500		89.4	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

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 (2247060-BLK1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.4		50.0		123	50-200			

LCS (2247060-BS1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Diesel Range Organics (C10-C28)	227	25.0	250		90.8	38-132			
Surrogate: n-Nonane	54.4		50.0		109	50-200			

Matrix Spike (2247060-MS1)					Source: E211088-02		Prepared: 11/17/22 Analyzed: 11/17/22		
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike Dup (2247060-MSD1)					Source: E211088-02		Prepared: 11/17/22 Analyzed: 11/17/22		
Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.9	38-132	4.66	20	
Surrogate: n-Nonane	52.0		50.0		104	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2247088-BLK1)

Prepared: 11/17/22 Analyzed: 11/19/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			

LCS (2247088-BS1)

Prepared: 11/17/22 Analyzed: 11/19/22

Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
Surrogate: n-Nonane	50.0		50.0		100	50-200			

Matrix Spike (2247088-MS1)

Source: E211093-04

Prepared: 11/17/22 Analyzed: 11/19/22

Diesel Range Organics (C10-C28)	364	125	250	145	87.6	38-132			
Surrogate: n-Nonane	47.7		50.0		95.4	50-200			

Matrix Spike Dup (2247088-MSD1)

Source: E211093-04

Prepared: 11/17/22 Analyzed: 11/19/22

Diesel Range Organics (C10-C28)	402	125	250	145	103	38-132	10.1	20	
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2247069-BLK1)					Prepared: 11/17/22 Analyzed: 11/18/22				
Chloride	ND	20.0							
LCS (2247069-BS1)					Prepared: 11/17/22 Analyzed: 11/18/22				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2247069-MS1)					Source: E211093-01		Prepared: 11/17/22 Analyzed: 11/18/22		
Chloride	286	20.0	250	24.4	104	80-120			
Matrix Spike Dup (2247069-MSD1)					Source: E211093-01		Prepared: 11/17/22 Analyzed: 11/18/22		
Chloride	287	20.0	250	24.4	105	80-120	0.461	20	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2247070-BLK1)					Prepared: 11/17/22 Analyzed: 11/18/22				
Chloride	ND	20.0							
LCS (2247070-BS1)					Prepared: 11/17/22 Analyzed: 11/18/22				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2247070-MS1)					Source: E211093-21		Prepared: 11/17/22 Analyzed: 11/18/22		
Chloride	297	20.0	250	42.6	102	80-120			
Matrix Spike Dup (2247070-MSD1)					Source: E211093-21		Prepared: 11/17/22 Analyzed: 11/18/22		
Chloride	299	20.0	250	42.6	103	80-120	0.788	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/22 11:15

- 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.

Client: EOG Project: Ocotillo ACI Fed #1 Project Manager: Greg Crabtree Address: City, State, Zip Phone: Email: All Enviro				Bill To Attention: Address: City, State, Zip Phone: Email:				Lab Use Only				TAT				EPA Program				
								Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
								E211093		19034-0016			X							
								Analysis and Method												RCRA
																				X
																		State		
				NM	CO	UT	AZ	TX												
				x																
										Remarks										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDOGC														
11:00	11/16/22	S	1	299C	1	X														
11:05		S	1	300C	2	X														
11:11		S	1	301C	3	X														
11:14		S	1	302C	4	X														
11:18		S	1	303C	5	X														
11:22		S	1	304C	6	X														
11:27		S	1	305C	7	X														
11:33		S	1	306C	8	X														
11:38		S	1	307C	9	X														
11:45		S	1	308C	10	X														
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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: 11/16/22 Time: 2:15 PM												Received by: (Signature) _____ Date: 11/17/22 Time: 8:13 AM								
Relinquished by: (Signature) _____ Date: _____ Time: _____												Received by: (Signature) _____ Date: _____ Time: _____								
Relinquished by: (Signature) _____ Date: _____ Time: _____												Received by: (Signature) _____ Date: _____ Time: _____								
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.																				

Page 41 of 43

Client: EOG					Bill To Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____					Lab Use Only					TAT				EPA Program		
Project: Ocotillo ACI Fed #1										Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Greg Crabtree										E 211093		19034-0016				X		*			
Address: _____										Analysis and Method										RCRA	
City, State, Zip _____																				x	
Phone: _____															State						
Email: All Enviro _____															NM	CO	UT	AZ	TX		
Report due by: _____															x						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC											Remarks				
13:09	11/16/22	S	1	319C	21	X															
13:13	1	S	1	320C	22	X															
13:24	1	S	1	321C	23	X															
13:27	1	S	1	322C	24	X															
13:31	1	S	1	323C	25	X															
		S	1			X															
		S	1			X															
		S	1			X															
		S	1			X															
		S	1			X															

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Austin Foutz

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>Austin Foutz</i>	11/16/22	21:15	<i>Carla Chute</i>	11/17/22	8:13
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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.

Envirotech Analytical Laboratory

Printed: 11/17/2022 12:13:03PM

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	Date Received:	11/17/22 08:13	Work Order ID:	E211093
Phone:	(575) 748-4217	Date Logged In:	11/17/22 08:39	Logged In By:	Caitlin Christian
Email:		Due Date:	11/21/22 17:00 (2 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: Austin FoutzComments/Resolution

Project has been separated into 3 reports due to sample volume. Workorders are as follows: E211090/E211092/E211093.

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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E212081

Job Number: 19034-0016

Received: 12/14/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/15/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/15/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E212081
Date Received: 12/14/2022 2:31:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/14/2022 2:31:00PM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/22 16:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
250D	E212081-01A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
251D	E212081-02A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
252D	E212081-03A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
253D	E212081-04A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
254D	E212081-05A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
255D	E212081-06A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
256D	E212081-07A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
257D	E212081-08A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
259D	E212081-09A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
260D	E212081-10A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
263D	E212081-11A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
264D	E212081-12A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
265D	E212081-13A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
266D	E212081-14A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
267D	E212081-15A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
268D	E212081-16A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
269D	E212081-17A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
271D	E212081-18A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
272D	E212081-19A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
273D	E212081-20A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/15/2022 4:12:05PM
--	--	-----------------------------------

250D

E212081-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	104 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	93.3 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	104 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	93.3 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	141	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	169	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	92.7 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

251D

E212081-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	82.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	89.2 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	82.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	89.2 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	129	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	156	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	86.9 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

252D

E212081-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	74.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	84.1 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	74.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	84.1 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	178	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	209	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	96.0 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

253D

E212081-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	89.3 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	89.3 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	82.7	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	98.9	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	95.0 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

254D

E212081-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		114 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		99.4 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		114 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		99.4 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	317	50.0	2	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	354	100	2	12/14/22	12/14/22	
Surrogate: n-Nonane		86.8 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	20.6	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

255D

E212081-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		103 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		93.3 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		103 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		93.3 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	147	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	165	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		92.7 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

256D

E212081-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	98.2 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	98.2 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	91.3	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	108	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	88.5 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

257D

E212081-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		101 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		101 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	170	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	193	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane		94.5 %	50-200	12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

259D

E212081-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	98.5 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	98.5 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	59.4	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	61.3	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	88.6 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	27.4	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

260D

E212081-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	149	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	167	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	98.9 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

263D

E212081-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	100 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	100 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	259	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	319	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane	96.2 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

264D

E212081-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	100 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	100 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	50.9	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	65.6	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	93.6 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	20.4	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

265D

E212081-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.1 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.1 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	42.8	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	51.2	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	98.6 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

266D

E212081-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.6 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.6 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	374	125	5	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	448	250	5	12/14/22	12/15/22	
Surrogate: n-Nonane	81.0 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/14/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

267D

E212081-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	210	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	240	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane	91.0 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

268D

E212081-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	97.8 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	97.8 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	117	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	150	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	92.4 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

269D

E212081-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.4 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	99.4 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	41.3	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	56.3	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	92.5 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

271D

E212081-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	108 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	108 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	149	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	199	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane	93.5 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

272D

E212081-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		111 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		102 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		111 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		102 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	498	125	5	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	567	250	5	12/14/22	12/15/22	
Surrogate: n-Nonane		94.1 %	50-200	12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 4:12:05PM

273D

E212081-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		116 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		98.0 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251052
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		116 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		98.0 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251053
Diesel Range Organics (C10-C28)	392	125	5	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	455	250	5	12/14/22	12/15/22	
Surrogate: n-Nonane		85.0 %	50-200	12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/15/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2251052-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.574		0.500		115	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2251052-BS1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.63	0.0250	2.50		105	70-130			
Ethylbenzene	2.50	0.0250	2.50		100	70-130			
Toluene	2.79	0.0250	2.50		111	70-130			
o-Xylene	2.59	0.0250	2.50		104	70-130			
p,m-Xylene	5.20	0.0500	5.00		104	70-130			
Total Xylenes	7.79	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.575		0.500		115	70-130			
Surrogate: Toluene-d8	0.552		0.500		110	70-130			

LCS Dup (2251052-BSD1)

Prepared: 12/14/22 Analyzed: 12/15/22

Benzene	2.39	0.0250	2.50		95.7	70-130	9.36	23	
Ethylbenzene	2.35	0.0250	2.50		93.8	70-130	6.48	27	
Toluene	1.87	0.0250	2.50		74.6	70-130	39.6	24	R2
o-Xylene	2.44	0.0250	2.50		97.7	70-130	5.88	27	
p,m-Xylene	4.84	0.0500	5.00		96.7	70-130	7.21	27	
Total Xylenes	7.28	0.0250	7.50		97.0	70-130	6.76	27	
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.548		0.500		110	70-130			
Surrogate: Toluene-d8	0.380		0.500		75.9	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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 (2251052-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.574		0.500		115	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2251052-BS2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.543		0.500		109	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

LCS Dup (2251052-BSD2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	2.05	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.538		0.500		108	70-130			
Surrogate: Toluene-d8	0.566		0.500		113	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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 (2251053-BLK1) Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.1		50.0		90.3	50-200			

LCS (2251053-BS1) Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	219	25.0	250		87.7	38-132			
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			

Matrix Spike (2251053-MS1) Source: E212081-06 Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	363	25.0	250	147	86.3	38-132			
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			

Matrix Spike Dup (2251053-MSD1) Source: E212081-06 Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	367	25.0	250	147	87.7	38-132	0.988	20	
Surrogate: n-Nonane	47.4		50.0		94.9	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

Anions by EPA 300.0/9056A

Analyst: RAS

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 (2251058-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Chloride ND 20.0

LCS (2251058-BS1)

Prepared: 12/14/22 Analyzed: 12/14/22

Chloride 258 20.0 250 103 90-110

Matrix Spike (2251058-MS1)

Source: E212081-01

Prepared: 12/14/22 Analyzed: 12/14/22

Chloride 266 20.0 250 ND 106 80-120

Matrix Spike Dup (2251058-MSD1)

Source: E212081-01

Prepared: 12/14/22 Analyzed: 12/14/22

Chloride 259 20.0 250 ND 103 80-120 2.76 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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/22 16:12

- R2 The RPD exceeded the acceptance limit.
- 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.



Client: EOG					Bill To		Lab Use Only				TAT				EPA Program						
Project: Ocotillo ACI Fed #1							Lab WO#	Job Number			1D	2D	3D	Standard	CWA	SDWA					
Project Manager: Greg Crabtree							EZ12081			19034-0016			x								
Address:							Analysis and Method											RCRA			
City, State, Zip																		x			
Phone:					Attention:												State				
City, State, Zip					Address:												NM	CO	UT	AZ	TX
Phone:					City, State, Zip												x				
Email: All Enviro					Phone:												Remarks				
Report due by:					Email:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC															
8:37	12/13/2022	S	1	250D	1																
8:50	12/13/2022	S	1	251D	2																
8:47	12/13/2022	S	1	252D	3																
8:42	12/13/2022	S	1	253D	4																
8:54	12/13/2022	S	1	254D	5																
8:59	12/13/2022	S	1	255D	6																
9:07	12/13/2022	S	1	256D	7																
9:02	12/13/2022	S	1	257D	8																
9:15	12/13/2022	S	1	259D	9																
9:20	12/13/2022	S	1	260D	10																

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Austin Foutz

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 Received on ice: (Y) N T1 T2 T3 AVG Temp °C 4
<i>Austin Foutz</i>	12/14/22	14:31	<i>Carth Chute</i>	12/14/22	14:31	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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.

Client: EOG					Bill To					Lab Use Only					TAT				EPA Program					
Project: Ocotillo ACI Fed #1										Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Greg Crabtree					Attention:					E 212081		19034-0016			x									
Address:					Address:					Analysis and Method											RCRA			
City, State, Zip					City, State, Zip																x			
Phone:					Phone:															State				
Email: All Enviro					Email:															NM	CO	UT	AZ	TX
Report due by:																				x				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC													Remarks					
9:35	12/13/2022	S	1	263D	11																			
9:30	12/13/2022	S	1	264D	12																			
9:41	12/13/2022	S	1	265D	13																			
9:45	12/13/2022	S	1	266D	14																			
9:48	12/13/2022	S	1	267D	15																			
9:52	12/13/2022	S	1	268D	16																			
9:55	12/13/2022	S	1	269D	17																			
10:05	12/13/2022	S	1	271D	18																			
10:01	12/13/2022	S	1	272D	19																			
9:58	12/13/2022	S	1	273D	20																			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Austin Foutz

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
<i>Austin Foutz</i>	12/14/22	14:31	<i>Carla Chute</i>	12/14/22	14:31
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: ☒ 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.

Envirotech Analytical Laboratory

Printed: 12/14/2022 3:22:02PM

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	Date Received:	12/14/22 14:31	Work Order ID:	E212081
Phone:	(575) 748-4217	Date Logged In:	12/14/22 14:39	Logged In By:	Caitlin Christian
Email:		Due Date:	12/15/22 17:00 (1 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: Austin FoutzComments/Resolution

Project Ocotillo ACI Fed #1 has been separated into 3 reports due to sample volume. Workorders are as follows: E212081, E212082, E212083.

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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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

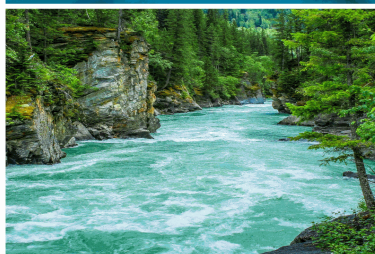
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E212082

Job Number: 19034-0016

Received: 12/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/15/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/15/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E212082
Date Received: 12/14/2022 2:31:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/14/2022 2:31:00PM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/22 14:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
274D	E212082-01A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
275D	E212082-02A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
276D	E212082-03A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
277D	E212082-04A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
280D	E212082-05A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
281D	E212082-06A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
282D	E212082-07A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
285D	E212082-08A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
286D	E212082-09A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
287D	E212082-10A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
290D	E212082-11A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
291D	E212082-12A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
292D	E212082-13A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
293D	E212082-14A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
294D	E212082-15A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
295D	E212082-16A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
296D	E212082-17A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
298D	E212082-18A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
299D	E212082-19A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
301D	E212082-20A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/15/2022 2:30:43PM
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274D

E212082-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	55.6	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	91.5	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	106 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	55.7	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

275D

E212082-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	562	125	5	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	612	250	5	12/14/22	12/14/22	
Surrogate: n-Nonane	103 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

276D

E212082-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	787	125	5	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	781	250	5	12/14/22	12/14/22	
Surrogate: n-Nonane	105 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

277D

E212082-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	126	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	176	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	114 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

280D

E212082-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	120	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	167	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	111 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

281D

E212082-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	177	50.0	2	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	246	100	2	12/14/22	12/14/22	
Surrogate: n-Nonane	98.5 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

282D

E212082-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	326	50.0	2	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	443	100	2	12/14/22	12/14/22	
Surrogate: n-Nonane	105 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

285D

E212082-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	130	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	188	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	110 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

286D

E212082-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	160	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	206	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	112 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

287D

E212082-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	105 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	105 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	120	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	179	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	108 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

290D

E212082-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	105 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	105 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	160	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	237	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	113 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

291D

E212082-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	111	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	231	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	112 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	21.6	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

292D

E212082-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	73.2	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	121	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	113 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	155	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

293D

E212082-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		103 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		103 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	98.4	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	146	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane		109 %	50-200	12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	358	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

294D

E212082-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	51.4	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	92.5	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	108 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	315	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

295D

E212082-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	85.5	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	136	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	111 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	120	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

296D

E212082-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	155	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	239	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	112 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

298D

E212082-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	106 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	148	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	249	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	110 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

299D

E212082-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		106 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	12/14/22	12/15/22	
Surrogate: Toluene-d8		106 %	70-130	12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	107	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	197	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane		107 %	50-200	12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:30:43PM

301D

E212082-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251055
Diesel Range Organics (C10-C28)	49.9	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	93.2	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	117 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251059
Chloride	634	20.0	1	12/14/22	12/15/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2251054-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

LCS (2251054-BS1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.45	0.0250	2.50		97.8	70-130			
Ethylbenzene	2.55	0.0250	2.50		102	70-130			
Toluene	2.48	0.0250	2.50		99.1	70-130			
o-Xylene	2.40	0.0250	2.50		96.1	70-130			
p,m-Xylene	4.76	0.0500	5.00		95.2	70-130			
Total Xylenes	7.16	0.0250	7.50		95.5	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS Dup (2251054-BSD1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.43	0.0250	2.50		97.3	70-130	0.595	23	
Ethylbenzene	2.51	0.0250	2.50		100	70-130	1.66	27	
Toluene	2.43	0.0250	2.50		97.1	70-130	2.08	24	
o-Xylene	2.38	0.0250	2.50		95.3	70-130	0.836	27	
p,m-Xylene	4.73	0.0500	5.00		94.6	70-130	0.716	27	
Total Xylenes	7.11	0.0250	7.50		94.8	70-130	0.757	27	
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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 (2251054-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

LCS (2251054-BS2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	57.2	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

LCS Dup (2251054-BSD2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130	1.24	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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 (2251055-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2251055-BS1)

Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	55.6		50.0		111	50-200			

Matrix Spike (2251055-MS1)

Source: E212082-18

Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	367	25.0	250	148	87.5	38-132			
Surrogate: n-Nonane	55.3		50.0		111	50-200			

Matrix Spike Dup (2251055-MSD1)

Source: E212082-18

Prepared: 12/14/22 Analyzed: 12/14/22

Diesel Range Organics (C10-C28)	367	25.0	250	148	87.5	38-132	0.0210	20	
Surrogate: n-Nonane	50.2		50.0		100	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2251059-BLK1)					Prepared: 12/14/22 Analyzed: 12/15/22				
Chloride	ND	20.0							
LCS (2251059-BS1)					Prepared: 12/14/22 Analyzed: 12/15/22				
Chloride	273	20.0	250		109	90-110			
Matrix Spike (2251059-MS1)					Source: E212082-01		Prepared: 12/14/22 Analyzed: 12/15/22		
Chloride	311	20.0	250	55.7	102	80-120			
Matrix Spike Dup (2251059-MSD1)					Source: E212082-01		Prepared: 12/14/22 Analyzed: 12/15/22		
Chloride	295	20.0	250	55.7	95.8	80-120	5.13	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/22 14:30

- 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.



Client: EOG					Bill To					Lab Use Only					TAT				EPA Program		
Project: Ocotillo ACI Fed #1										Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Greg Crabtree					Address:					E212082		19034-0016			x						
Address:					City, State, Zip					Analysis and Method										RCRA	
City, State, Zip					Phone:															x	
Phone:					Email:															State	
Email: All Enviro																				NM CO UT AZ TX	
Report due by:																				x	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC													Remarks		
10:09	12/13/2022	S	1	274D	1																
10:13	12/13/2022	S	1	275D	2																
13:32	12/13/2022	S	1	276D	3																
10:16	12/13/2022	S	1	277D	4																
10:28	12/13/2022	S	1	280D	5																
10:24	12/13/2022	S	1	281D	6																
10:20	12/13/2022	S	1	282D	7																
10:32	12/13/2022	S	1	285D	8																
10:37	12/13/2022	S	1	286D	9																
10:41	12/13/2022	S	1	287D	10																

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Austin Foutz

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 Received on ice: <u>①</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>Austin Foutz</u>	12/14/22	14:31	<u>Carla Chata</u>	12/14/22	14:31	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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.

Client: EOG					Bill To					Lab Use Only					TAT				EPA Program		
Project: Ocotillo ACI Fed #1										Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Greg Crabtree					Address:					E212082		19034-0016			x						
Address:					City, State, Zip					Analysis and Method										RCRA	
City, State, Zip					Phone:															x	
Phone:					Email:															State	
Email: All Enviro																				NM CO UT AZ TX	
Report due by:																				x	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC													Remarks		
10:52	12/13/2022	S	1	290D	11																
10:49	12/13/2022	S	1	291D	12																
10:45	12/13/2022	S	1	292D	13																
10:55	12/13/2022	S	1	293D	14																
10:58	12/13/2022	S	1	294D	15																
11:02	12/13/2022	S	1	295D	16																
11:06	12/13/2022	S	1	296D	17																
11:49	12/13/2022	S	1	298D	18																
11:45	12/13/2022	S	1	299D	19																
11:42	12/13/2022	S	1	301D	20																
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															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.						
Sampled by: Austin Foutz																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only									
Austin Foutz		12/14/22		14:31		Austin Foutz		12/14/22		14:31		Received on ice: <input checked="" type="radio"/> N									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		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.																					

Envirotech Analytical Laboratory

Printed: 12/14/2022 3:25:48PM

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	Date Received:	12/14/22 14:31	Work Order ID:	E212082
Phone:	(575) 748-4217	Date Logged In:	12/14/22 14:44	Logged In By:	Caitlin Christian
Email:		Due Date:	12/15/22 17:00 (1 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: Austin FoutzComments/Resolution

Project Ocotillo ACI Fed #1 has been separated into 3 reports due to sample volume. Workorders are as follows: E212081, E212082, E212083.

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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E212083

Job Number: 19034-0016

Received: 12/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/15/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/15/22



Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Ocotillo ACI Fed # 1
Workorder: E212083
Date Received: 12/14/2022 2:31:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/14/2022 2:31:00PM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/15/22 14:31
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
302D	E212083-01A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
304D	E212083-02A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
305D	E212083-03A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
306D	E212083-04A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
310D	E212083-05A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
311D	E212083-06A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
312D	E212083-07A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
313D	E212083-08A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
314D	E212083-09A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
315D	E212083-10A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
318D	E212083-11A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
319D	E212083-12A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
SB1 @ 2'	E212083-13A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
SB2 @ 4'	E212083-14A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
320D	E212083-15A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
322D	E212083-16A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.
323D	E212083-17A	Soil	12/13/22	12/14/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/15/2022 2:31:05PM
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302D

E212083-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.8 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.8 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	40.9	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	106	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	103 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	74.5	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

304D

E212083-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	42.3	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	111	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	98.0 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	73.3	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

305D

E212083-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	53.0	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	150	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	104 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	39.2	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

306D

E212083-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	81.5	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	104	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	97.9 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

310D

E212083-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	47.2	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	68.6	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	97.7 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	94.5	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

311D

E212083-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	56.7	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	79.1	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	98.8 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

312D

E212083-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	90.7	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	123	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	103 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

313D

E212083-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	93.5	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	127	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane	98.3 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

314D

E212083-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	160	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	217	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane	100 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	24.3	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

315D

E212083-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	98.5	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	142	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	99.5 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	107	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

318D

E212083-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	48.7	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	76.0	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	105 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

319D

E212083-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	55.5	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	100	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	101 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	37.4	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

SB1 @ 2'

E212083-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	139	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	190	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane	98.4 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	32.5	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

SB2 @ 4'

E212083-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	74.4	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	99.5	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	103 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	32.6	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

320D

E212083-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	47.4	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	89.1	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	99.5 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

322D

E212083-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	91.2	50.0	2	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	176	100	2	12/14/22	12/15/22	
Surrogate: n-Nonane	93.2 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/15/2022 2:31:05PM

323D

E212083-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Benzene	ND	0.0250	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2251056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/15/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		12/14/22	12/15/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		12/14/22	12/15/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251057
Diesel Range Organics (C10-C28)	46.7	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	93.4	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	106 %	50-200		12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2251060
Chloride	ND	20.0	1	12/14/22	12/15/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2251056-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2251056-BS1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.48	0.0250	2.50		99.1	70-130			
Ethylbenzene	2.50	0.0250	2.50		99.9	70-130			
Toluene	2.54	0.0250	2.50		101	70-130			
o-Xylene	2.65	0.0250	2.50		106	70-130			
p,m-Xylene	5.04	0.0500	5.00		101	70-130			
Total Xylenes	7.70	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

LCS Dup (2251056-BSD1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.13	0.0250	2.50		85.1	70-130	15.2	23	
Ethylbenzene	2.08	0.0250	2.50		83.3	70-130	18.1	27	
Toluene	2.09	0.0250	2.50		83.7	70-130	19.1	24	
o-Xylene	2.17	0.0250	2.50		86.7	70-130	20.1	27	
p,m-Xylene	4.17	0.0500	5.00		83.4	70-130	19.0	27	
Total Xylenes	6.34	0.0250	7.50		84.5	70-130	19.4	27	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

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 (2251056-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2251056-BS2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	63.9	20.0	50.0		128	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS Dup (2251056-BSD2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	59.0	20.0	50.0		118	70-130	7.97	20	
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

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 (2251057-BLK1)

Prepared: 12/14/22 Analyzed: 12/15/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.8		50.0		108	50-200			

LCS (2251057-BS1)

Prepared: 12/14/22 Analyzed: 12/15/22

Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
Surrogate: n-Nonane	51.2		50.0		102	50-200			

Matrix Spike (2251057-MS1)

Source: E212083-05

Prepared: 12/14/22 Analyzed: 12/15/22

Diesel Range Organics (C10-C28)	282	25.0	250	47.2	94.1	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike Dup (2251057-MSD1)

Source: E212083-05

Prepared: 12/14/22 Analyzed: 12/15/22

Diesel Range Organics (C10-C28)	289	25.0	250	47.2	96.8	38-132	2.37	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2251060-BLK1)					Prepared: 12/14/22 Analyzed: 12/15/22				
Chloride	ND	20.0							
LCS (2251060-BS1)					Prepared: 12/14/22 Analyzed: 12/15/22				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2251060-MS1)					Source: E212083-01		Prepared: 12/14/22 Analyzed: 12/15/22		
Chloride	320	20.0	250	74.5	98.1	80-120			
Matrix Spike Dup (2251060-MSD1)					Source: E212083-01		Prepared: 12/14/22 Analyzed: 12/15/22		
Chloride	333	20.0	250	74.5	104	80-120	4.14	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/22 14:31

- 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.



Client: EOG Project: Ocotillo ACI Fed #1 Project Manager: Greg Crabtree Address: _____ City, State, Zip: _____ Phone: _____ Email: All Enviro _____ Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# E 212083 Job Number 19034-0016				TAT 1D 2D 3D Standard x				EPA Program CWA SDWA RCRA x	
Analysis and Method										State		NM CO UT AZ TX		Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC													
11:38	12/13/2022	S	1	302D	1														
11:53	12/13/2022	S	1	304D	2														
11:56	12/13/2022	S	1	305D	3														
12:00	12/13/2022	S	1	306D	4														
12:03	12/13/2022	S	1	310D	5														
12:09	12/13/2022	S	1	311D	6														
12:13	12/13/2022	S	1	312D	7														
12:16	12/13/2022	S	1	313D	8														
12:20	12/13/2022	S	1	314D	9														
12:24	12/13/2022	S	1	315D	10														
Additional Instructions: I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Relinquished by: (Signature) <i>Austin Foutz</i> Date 12/14/22 Time 14:31 Relinquished by: (Signature) _____ Date _____ Time _____ Relinquished by: (Signature) _____ Date _____ Time _____										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) <i>Austin Foutz</i> Date 12/14/22 Time 14:31 Relinquished by: (Signature) _____ Date _____ Time _____ Relinquished by: (Signature) _____ Date _____ Time _____									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>									
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.																			

Page 29 of 30

Envirotech Analytical Laboratory

Printed: 12/14/2022 3:28:31PM

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	Date Received:	12/14/22 14:31	Work Order ID:	E212083
Phone:	(575) 748-4217	Date Logged In:	12/14/22 14:49	Logged In By:	Caitlin Christian
Email:		Due Date:	12/15/22 17:00 (1 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: Austin FoutzComments/Resolution

Project Ocotillo ACI Fed #1 has been separated into 3 reports due to sample volume. Workorders are as follows: E212081, E212082, E212083.

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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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

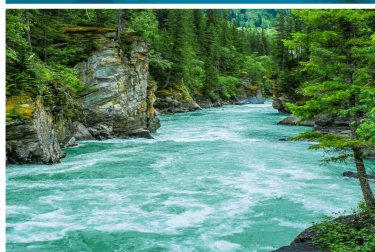
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E212145

Job Number: 19034-0016

Received: 12/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/29/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/29/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E212145
Date Received: 12/22/2022 10:10:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/22/2022 10:10:00AM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/22 10:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB1 @ 5'	E212145-01A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB1 @ 6'	E212145-02A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB1 @ 7'	E212145-03A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/29/2022 10:55:04AM
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SB1 @ 5'

E212145-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2253021
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	105 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2253021
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	105 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	29.6	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	50.8	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	99.6 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	39.7	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 10:55:04AM

SB1 @ 6'

E212145-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2253021
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	91.7 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	100 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2253021
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	91.7 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	100 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	41.3	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	107 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	50.4	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 10:55:04AM

SB1 @ 7'

E212145-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2253021
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	100 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2253021
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	100 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	33.6	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	105 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	41.3	20.0	1	12/21/22	12/22/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 10:55:04AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2253021-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS (2253021-BS1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	2.15	0.0250	2.50		86.1	70-130			
Ethylbenzene	2.04	0.0250	2.50		81.6	70-130			
Toluene	2.07	0.0250	2.50		82.8	70-130			
o-Xylene	2.12	0.0250	2.50		84.9	70-130			
p,m-Xylene	4.11	0.0500	5.00		82.1	70-130			
Total Xylenes	6.23	0.0250	7.50		83.0	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2253021-BSD1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	2.67	0.0250	2.50		107	70-130	21.5	23	
Ethylbenzene	2.57	0.0250	2.50		103	70-130	23.0	27	
Toluene	2.59	0.0250	2.50		103	70-130	22.2	24	
o-Xylene	2.69	0.0250	2.50		108	70-130	23.8	27	
p,m-Xylene	5.16	0.0500	5.00		103	70-130	22.7	27	
Total Xylenes	7.85	0.0250	7.50		105	70-130	23.0	27	
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 10:55:04AM

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 (2253021-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS (2253021-BS2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS Dup (2253021-BSD2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	58.1	20.0	50.0		116	70-130	0.335	20	
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 10:55:04AM

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 (2252034-BLK1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.7		50.0		115	50-200			

LCS (2252034-BS1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	54.0		50.0		108	50-200			

LCS Dup (2252034-BSD1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	276	25.0	250		111	38-132	0.949	20	
Surrogate: n-Nonane	55.1		50.0		110	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 10:55:04AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2252040-BLK1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	ND	20.0							
LCS (2252040-BS1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2252040-BSD1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	254	20.0	250		101	90-110	0.629	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/22 10:55

- 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.

[illegible]

Envirotech Analytical Laboratory

Printed: 12/29/2022 10:52:04AM

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	Date Received:	12/22/22 10:10	Work Order ID:	E212145
Phone:	(575) 748-4217	Date Logged In:	12/28/22 11:10	Logged In By:	Caitlin Christian
Email:		Due Date:	12/23/22 17:00 (1 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: Austin FoutzComments/ResolutionSample 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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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

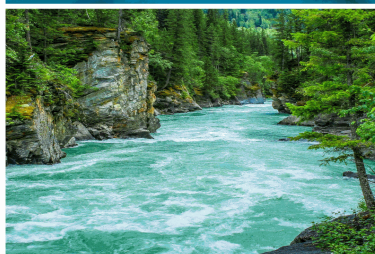
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E212124

Job Number: 19034-0016

Received: 12/22/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/29/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/29/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E212124
Date Received: 12/22/2022 10:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/22/2022 10:00:00AM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/22 12:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB2 @ 2'	E212124-01A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB6 @ 2'	E212124-02A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB4 @ 2'	E212124-03A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB3 @ 2'	E212124-04A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB5 @ 2'	E212124-05A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB2 @ 4'	E212124-06A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB3 @ 4'	E212124-07A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB2 @ 5'	E212124-08A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB2 @ 6'	E212124-09A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB1 @ 5'	E212124-10A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB1 @ 6'	E212124-11A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB3 @ 3'	E212124-12A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB1 @ 7'	E212124-13A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB7 @ 2'	E212124-14A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB8 @ 2'	E212124-15A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB9 @ 2'	E212124-16A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SB10 @ 2'	E212124-17A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/29/2022 12:48:06PM
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SB2 @ 2'

E212124-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		103 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		103 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	83.8	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	73.5	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		98.3 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	30.4	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB6 @ 2'

E212124-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	104 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	22.0	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB4 @ 2'

E212124-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	98.6 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	51.5	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB3 @ 2'

E212124-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	102 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	102 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	57.6	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	71.2	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	103 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	ND	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB5 @ 2'

E212124-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	105 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	105 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	109 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	132	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB2 @ 4'

E212124-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	59.4	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	119	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	109 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	ND	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB3 @ 4'

E212124-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	103 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	103 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	112 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	21.9	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB2 @ 5'

E212124-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	90.1 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	90.1 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	104 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	29.3	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	59.6	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	112 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	23.6	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB2 @ 6'

E212124-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	99.0 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	99.0 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	101 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	22.3	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB3 @ 3'

E212124-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	102 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	102 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	36.7	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	103 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	20.4	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB7 @ 2'

E212124-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	117 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	98.9 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	117 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	98.9 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	26.9	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	99.3 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	31.4	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB8 @ 2'

E212124-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		117 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		97.3 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		117 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		97.3 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	134	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	78.0	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		103 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	ND	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB9 @ 2'

E212124-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	97.9 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	97.9 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	69.0	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	65.1	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	105 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	43.6	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/29/2022 12:48:06PM

SB10 @ 2'

E212124-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		99.3 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		99.3 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		103 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	40.8	20.0	1	12/21/22	12/22/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2252049-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS (2252049-BS1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	2.15	0.0250	2.50		86.1	70-130			
Ethylbenzene	2.04	0.0250	2.50		81.6	70-130			
Toluene	2.07	0.0250	2.50		82.8	70-130			
o-Xylene	2.12	0.0250	2.50		84.9	70-130			
p,m-Xylene	4.11	0.0500	5.00		82.1	70-130			
Total Xylenes	6.23	0.0250	7.50		83.0	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2252049-BSD1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	2.67	0.0250	2.50		107	70-130	21.5	23	
Ethylbenzene	2.57	0.0250	2.50		103	70-130	23.0	27	
Toluene	2.59	0.0250	2.50		103	70-130	22.2	24	
o-Xylene	2.69	0.0250	2.50		108	70-130	23.8	27	
p,m-Xylene	5.16	0.0500	5.00		103	70-130	22.7	27	
Total Xylenes	7.85	0.0250	7.50		105	70-130	23.0	27	
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

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 (2252049-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS (2252049-BS2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS Dup (2252049-BSD2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	58.1	20.0	50.0		116	70-130	0.335	20	
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

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 (2252034-BLK1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.7		50.0		115	50-200			

LCS (2252034-BS1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	54.0		50.0		108	50-200			

LCS Dup (2252034-BSD1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	276	25.0	250		111	38-132	0.949	20	
Surrogate: n-Nonane	55.1		50.0		110	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2252040-BLK1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	ND	20.0							
LCS (2252040-BS1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2252040-BSD1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	254	20.0	250		101	90-110	0.629	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/22 12:48

- 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 2

Client: <u>EOG</u> Project: <u>Castillo ACE FED #1</u> Project Manager: <u>Greg Crabtree</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: <u>All Enviro</u> Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# <u>E212124</u> Job Number <u>19034-0016</u> Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDGOC					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input checked="" type="checkbox"/>	
										State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDGOC							Remarks	
8:55	12/20/22	S	1	SB2@2'	1															
9:32				SB6@2'	2															
9:54				SB4@2'	3															
10:07				SB3@2'	4															
10:33				SB5@2'	5															
10:49				SB2@4'	6															
10:56				SB3@4'	7															
11:31				SB2@5'	8															
11:47				SB2@6'	9															
12:06	✓	✓	✓	SB1@5'	10							✓								
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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>Austin Fautz</u>				Date <u>12/21/22</u> Time <u>18:12</u>		Received by: (Signature) <u>Alvina</u>				Date <u>12/21/22</u> Time <u>10:00</u>		Lab Use Only 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 _____								
Relinquished by: (Signature) _____				Date _____ Time _____		Received by: (Signature) _____				Date _____ Time _____		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.																				

Project Information

Chain of Custody

Client: <u>E06</u> Project: <u>OCO-Fill ACT FED #1</u> Project Manager: <u>Greg Cmbtree</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: <u>ALL Enviro.</u> Report due by: _____						Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____						Lab Use Only Lab WO# <u>E212124</u> Job Number <u>14034-0016</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 <u>BDOC</u>								TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/> NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input checked="" type="checkbox"/>	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0														
12:47	12/20/22	S	1	SB1@6'	11																				
10:27				SB3@3'	12																				
13:18				SB1@7'	13																				
14:56				SB7@2'	14																				
15:15				SB8@2'	15																				
15:55				SB9@2'	16																				
16:16				SB10@2'	17																				
Additional Instructions:																									
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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 <u>12/21/22</u> Time <u>18:12</u>												Received by: (Signature) <u>[Signature]</u> Date <u>12/21/22</u> Time <u>10:00</u>													
Relinquished by: (Signature)												Received by: (Signature)													
Relinquished by: (Signature)												Received by: (Signature)													
												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.																									

Envirotech Analytical Laboratory

Printed: 12/22/2022 2:33:42PM

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	Date Received:	12/22/22 10:00	Work Order ID:	E212124
Phone:	(575) 748-4217	Date Logged In:	12/21/22 16:28	Logged In By:	Caitlin Christian
Email:		Due Date:	12/22/22 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: Austin FoutzComments/ResolutionSample 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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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.

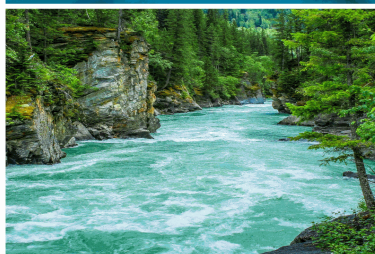
Chain of Custody



Chain of Custody

Client: EOG Project: Ocotillo ACT FED #1 Project Manager: Greg Cmbtree Address: City, State, Zip Phone: Email: ALL Enviro. Report due by:			Bill To			Attention: Address: City, State, Zip Phone: Email:			Lab Use Only Lab WO# E212124 Job Number 14034-0016			TAT 1D 2D 3D Standard			EPA Program CWA SDWA				
								Analysis and Method					State						
								DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDGOC	NM	CO	UT	AZ	TX
															Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
12:47	12/20/22	S	1	SB1@6'	11														
10:27				SB3@3'	12														
13:18				SB1@7'	13														
14:56				SB7@2'	14														
15:15				SB8@2'	15														
15:55				SB9@2'	16														
16:16				SB10@2'	17														
Additional Instructions: I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____ Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____ Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____																			
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.																			

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E212122

Job Number: 19034-0016

Received: 12/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/22/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/22/22



Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Ocotillo ACI Fed # 1
Workorder: E212122
Date Received: 12/22/2022 10:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/22/2022 10:00:00AM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/22 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB8 @ 3'	E212122-01A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.
SB8 @ 4'	E212122-02A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.
SB8 @ 5'	E212122-03A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.
SB8 @ 6'	E212122-04A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.
SB8 @ 7'	E212122-05A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.
SB8 @ 8'	E212122-06A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/22/2022 4:22:40PM
--	--	-----------------------------------

SB8 @ 3'

E212122-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2252048	
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: 4-Bromochlorobenzene-PID	95.7 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2252048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.0 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2252035	
Diesel Range Organics (C10-C28)	94.6	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	82.2	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	113 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2252041	
Chloride	31.3	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/22/2022 4:22:40PM

SB8 @ 4'

E212122-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252035
Diesel Range Organics (C10-C28)	478	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	450	50.0	1	12/21/22	12/22/22	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252041
Chloride	30.8	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/22/2022 4:22:40PM

SB8 @ 5'

E212122-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.6 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252035
Diesel Range Organics (C10-C28)	534	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	516	50.0	1	12/21/22	12/22/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252041
Chloride	22.9	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/22/2022 4:22:40PM

SB8 @ 6'

E212122-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252035
Diesel Range Organics (C10-C28)	765	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	739	50.0	1	12/21/22	12/22/22	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252041
Chloride	31.6	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/22/2022 4:22:40PM

SB8 @ 7'

E212122-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252035
Diesel Range Organics (C10-C28)	1020	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	993	50.0	1	12/21/22	12/22/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252041
Chloride	ND	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/22/2022 4:22:40PM

SB8 @ 8'

E212122-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252035
Diesel Range Organics (C10-C28)	1010	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	912	50.0	1	12/21/22	12/22/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252041
Chloride	ND	20.0	1	12/21/22	12/22/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

Volatile Organics by EPA 8021B

Analyst: SL

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 (2252048-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

LCS (2252048-BS1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	4.54	0.0250	5.00		90.9	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.7	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

LCS Dup (2252048-BSD1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	4.46	0.0250	5.00		89.2	70-130	1.89	20	
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130	1.68	20	
Toluene	4.83	0.0250	5.00		96.5	70-130	1.77	20	
o-Xylene	4.94	0.0250	5.00		98.9	70-130	1.54	20	
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130	1.66	20	
Total Xylenes	14.7	0.0250	15.0		97.9	70-130	1.62	20	
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.2	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2252048-BLK1) Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

LCS (2252048-BS2) Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

LCS Dup (2252048-BSD2) Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130	3.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.8	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

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 (2252035-BLK1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.3		50.0		115	50-200			

LCS (2252035-BS1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			

LCS Dup (2252035-BSD1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132	1.59	20	
Surrogate: n-Nonane	54.9		50.0		110	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2252041-BLK1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	ND	20.0							
LCS (2252041-BS1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2252041-BSD1)					Prepared: 12/21/22 Analyzed: 12/22/22				
Chloride	258	20.0	250		103	90-110	2.56	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/22 16:22

- 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.



Envirotech Analytical Laboratory

Printed: 12/22/2022 2:27:23PM

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	Date Received:	12/22/22 10:00	Work Order ID:	E212122
Phone:	(575) 748-4217	Date Logged In:	12/21/22 16:25	Logged In By:	Caitlin Christian
Email:		Due Date:	12/22/22 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: Austin FoutzComments/ResolutionSample 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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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

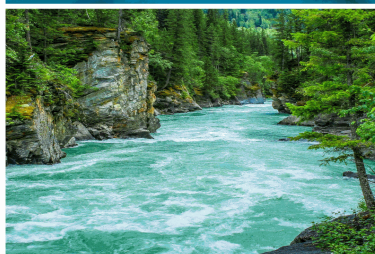
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Fed # 1

Work Order: E212123

Job Number: 19034-0016

Received: 12/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/22/22

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/22/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Fed # 1
Workorder: E212123
Date Received: 12/22/2022 10:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/22/2022 10:00:00AM, under the Project Name: Ocotillo ACI Fed # 1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Fed # 1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/22 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB9 @ 3'	E212123-01A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.
SB11 @ 2'	E212123-02A	Soil	12/21/22	12/22/22	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Fed # 1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 12/22/2022 4:22:30PM
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SB9 @ 3'

E212123-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2252048
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: 4-Bromochlorobenzene-PID	109 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	100 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	92.6 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2252040
Chloride	57.2	20.0	1	12/21/22	12/22/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Fed # 1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
12/22/2022 4:22:30PM

SB11 @ 2'

E212123-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
<i>Surrogate: n-Nonane</i>						
		95.0 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252040
Chloride	602	20.0	1	12/21/22	12/22/22	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:30PM

Volatile Organics by EPA 8021B

Analyst: SL

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 (2252048-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

LCS (2252048-BS1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	4.54	0.0250	5.00		90.9	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.7	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

LCS Dup (2252048-BSD1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	4.46	0.0250	5.00		89.2	70-130	1.89	20	
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130	1.68	20	
Toluene	4.83	0.0250	5.00		96.5	70-130	1.77	20	
o-Xylene	4.94	0.0250	5.00		98.9	70-130	1.54	20	
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130	1.66	20	
Total Xylenes	14.7	0.0250	15.0		97.9	70-130	1.62	20	
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.2	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2252048-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

LCS (2252048-BS2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

LCS Dup (2252048-BSD2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130	3.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.8	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:30PM

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 (2252034-BLK1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.7		50.0		115	50-200			

LCS (2252034-BS1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	54.0		50.0		108	50-200			

LCS Dup (2252034-BSD1) Prepared: 12/21/22 Analyzed: 12/21/22

Diesel Range Organics (C10-C28)	276	25.0	250		111	38-132	0.949	20	
Surrogate: n-Nonane	55.1		50.0		110	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:30PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2252040-BLK1)						Prepared: 12/21/22 Analyzed: 12/22/22			
Chloride	ND	20.0							
LCS (2252040-BS1)						Prepared: 12/21/22 Analyzed: 12/22/22			
Chloride	255	20.0				90-110			
LCS Dup (2252040-BSD1)						Prepared: 12/21/22 Analyzed: 12/22/22			
Chloride	254	20.0				90-110	0.629	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	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/22 16:22

- 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.





Envirotech Analytical Laboratory

Printed: 12/22/2022 2:30:18PM

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	Date Received:	12/22/22 10:00	Work Order ID:	E212123
Phone:	(575) 748-4217	Date Logged In:	12/21/22 16:27	Logged In By:	Caitlin Christian
Email:		Due Date:	12/22/22 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: Austin FoutzComments/ResolutionSample 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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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

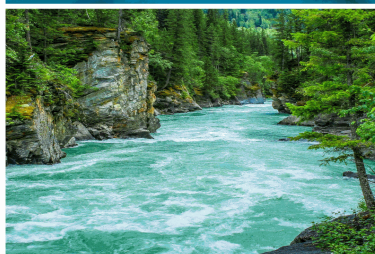
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocatillo

Work Order: E301115

Job Number: 19034-0016

Received: 1/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/24/23

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/24/23

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocatillo
Workorder: E301115
Date Received: 1/20/2023 4:05:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2023 4:05:00PM, under the Project Name: Ocatillo.

The analytical test results summarized in this report with the Project Name: Ocatillo 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocatillo Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 01/24/23 12:28
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB14 @ 5 ft	E301115-01A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB13 @ 8 ft	E301115-02A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB13 @ 4 ft	E301115-03A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB13 @ 5 ft	E301115-04A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB14 @ 8 ft	E301115-05A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB13 @ 6 ft	E301115-06A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB14 @ 6 ft	E301115-07A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB14 @ 7 ft	E301115-08A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB14 @ 4 ft	E301115-09A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SB12 @ 3 ft	E301115-10A	Soil	01/17/23	01/20/23	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocatillo Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 1/24/2023 12:28:29PM
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SB14 @ 5 ft

E301115-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.4 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	62.9	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>		89.0 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	44.2	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB13 @ 8 ft

E301115-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.5 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
		94.9 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	32.3	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB13 @ 4 ft

E301115-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.4 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	91.2	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	59.3	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
		97.7 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	27.2	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB13 @ 5 ft

E301115-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	55.0	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	34.4	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB14 @ 8 ft

E301115-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
	83.6 %	50-200		01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	44.8	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB13 @ 6 ft

E301115-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
		86.0 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	29.4	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB14 @ 6 ft

E301115-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304001
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304001
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.2 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304002
Diesel Range Organics (C10-C28)	46.9	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
		88.6 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304006
Chloride	49.6	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB14 @ 7 ft

E301115-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.9 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	51.0	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	49.4	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB14 @ 4 ft

E301115-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304002	
Diesel Range Organics (C10-C28)	127	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	109	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304006	
Chloride	39.6	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocatillo
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/24/2023 12:28:29PM

SB12 @ 3 ft

E301115-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304001
Benzene	ND	0.0250	1	01/23/23	01/23/23	
Ethylbenzene	ND	0.0250	1	01/23/23	01/23/23	
Toluene	ND	0.0250	1	01/23/23	01/23/23	
o-Xylene	ND	0.0250	1	01/23/23	01/23/23	
p,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304001
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.9 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304002
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/23	01/23/23	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304006
Chloride	34.3	20.0	1	01/23/23	01/23/23	



QC Summary Data

EOG Resources	Project Name:	Ocatillo	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

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 (2304001-BLK1) Prepared: 01/23/23 Analyzed: 01/23/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

LCS (2304001-BS1) Prepared: 01/23/23 Analyzed: 01/23/23

Benzene	4.87	0.0250	5.00		97.5	70-130			
Ethylbenzene	5.24	0.0250	5.00		105	70-130			
Toluene	5.29	0.0250	5.00		106	70-130			
o-Xylene	5.42	0.0250	5.00		108	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

Matrix Spike (2304001-MS1) Source: E301114-04 Prepared: 01/23/23 Analyzed: 01/23/23

Benzene	4.65	0.0250	5.00	ND	93.0	54-133			
Ethylbenzene	5.00	0.0250	5.00	ND	100	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.16	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

Matrix Spike Dup (2304001-MSD1) Source: E301114-04 Prepared: 01/23/23 Analyzed: 01/23/23

Benzene	4.66	0.0250	5.00	ND	93.3	54-133	0.248	20	
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133	0.106	20	
Toluene	5.05	0.0250	5.00	ND	101	61-130	0.234	20	
o-Xylene	5.18	0.0250	5.00	ND	104	63-131	0.314	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	0.218	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	0.251	20	
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		102	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocatillo	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

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 (2304001-BLK1) Prepared: 01/23/23 Analyzed: 01/23/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

LCS (2304001-BS2) Prepared: 01/23/23 Analyzed: 01/23/23

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			

Matrix Spike (2304001-MS2) Source: E301114-04 Prepared: 01/23/23 Analyzed: 01/23/23

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2304001-MSD2) Source: E301114-04 Prepared: 01/23/23 Analyzed: 01/24/23

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130	8.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocatillo	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2304002-BLK1)

Prepared: 01/23/23 Analyzed: 01/23/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS (2304002-BS1)

Prepared: 01/23/23 Analyzed: 01/23/23

Diesel Range Organics (C10-C28)	212	25.0	250		84.8	38-132			
Surrogate: n-Nonane	42.2		50.0		84.3	50-200			

Matrix Spike (2304002-MS1)

Source: E301115-05

Prepared: 01/23/23 Analyzed: 01/23/23

Diesel Range Organics (C10-C28)	209	25.0	250	ND	83.5	38-132			
Surrogate: n-Nonane	41.9		50.0		83.8	50-200			

Matrix Spike Dup (2304002-MSD1)

Source: E301115-05

Prepared: 01/23/23 Analyzed: 01/23/23

Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.1	38-132	5.40	20	
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocatillo	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2304006-BLK1)					Prepared: 01/23/23 Analyzed: 01/23/23				
Chloride	ND	20.0							
LCS (2304006-BS1)					Prepared: 01/23/23 Analyzed: 01/23/23				
Chloride	241	20.0	250		96.4	90-110			
Matrix Spike (2304006-MS1)					Source: E301114-01		Prepared: 01/23/23 Analyzed: 01/23/23		
Chloride	239	40.0	250	ND	95.6	80-120			
Matrix Spike Dup (2304006-MSD1)					Source: E301114-01		Prepared: 01/23/23 Analyzed: 01/23/23		
Chloride	243	40.0	250	ND	97.1	80-120	1.64	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

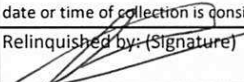
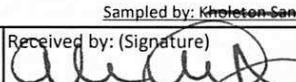
EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	01/24/23 12:28

- 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.



Client: EOG Project: Ocatillo Project Manager: Greg Crabtree Address: City, State, Zip Phone: Email: All Enviro					Bill To Attention: Address: City, State, Zip Phone: Email:					Lab Use Only Lab WO# E30115 Job Number 19034-0016					TAT 1D 2D 3D Standard					EPA Program CWA SDWA				
Report due by:										Analysis and Method										RCRA				
										State										NM CO UT AZ TX				
										Remarks														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC																		
15:16	1/18/2023	S	1	SB14 @ 5 ft	1	X																		
12:50	1/18/2023	S	1	SB13 @ 8 ft	2	X																		
9:46	1/18/2023	S	1	SB13 @ 4 ft	3	X																		
11:25	1/18/2023	S	1	SB13 @ 5 ft	4	X																		
16:36	1/18/2023	S	1	SB14 @ 8 ft	5	X																		
12:08	1/18/2023	S	1	SB13 @ 6 ft	6	X																		
15:44	1/18/2023	S	1	SB14 @ 6 ft	7	X																		
16:07	1/18/2023	S	1	SB14 @ 7 ft	8	X																		
14:48	1/18/2023	S	1	SB14 @ 4 ft	9	X																		
14:02	1/17/2023	S	1	SB12 @ 3 ft	10	X																		
Additional Instructions:																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															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 1/20/23 Time 16:05															Received by: (Signature)  Date 1/20/23 Time 16:05									
Relinquished by: (Signature) _____ Date _____ Time _____															Received by: (Signature) _____ Date _____ Time _____									
Relinquished by: (Signature) _____ Date _____ Time _____															Received by: (Signature) _____ Date _____ Time _____									
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.																								

Envirotech Analytical Laboratory

Printed: 1/20/2023 4:12:53PM

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	Date Received:	01/20/23 16:05	Work Order ID:	E301115
Phone:	(575) 748-4217	Date Logged In:	01/20/23 16:07	Logged In By:	Alexa Michaels
Email:		Due Date:	01/23/23 17:00 (1 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: Patrick MesaComments/ResolutionSample 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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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

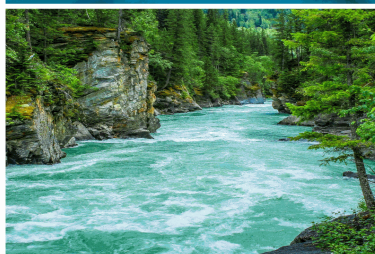
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Greg Crabtree



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

Project Name: Ocotillo ACI Federal #1

Work Order: E301125

Job Number: 19034-0016

Received: 1/26/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/26/23

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 NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/26/23

Greg Crabtree
104 South 4th Street
Artesia, NM 88210



Project Name: Ocotillo ACI Federal #1
Workorder: E301125
Date Received: 1/26/2023 8:25:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/26/2023 8:25:00AM, under the Project Name: Ocotillo ACI Federal #1.

The analytical test results summarized in this report with the Project Name: Ocotillo ACI Federal #1 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Federal #1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 01/26/23 15:31
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB-8 @ 10 Ft	E301125-01A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 12.5 Ft	E301125-02A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 15. Ft	E301125-03A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 17.5 Ft	E301125-04A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 20 Ft	E301125-05A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 30 Ft	E301125-06A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 40 Ft	E301125-07A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 50 Ft	E301125-08A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 60 Ft	E301125-09A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.
SB-8 @ 70 Ft	E301125-10A	Soil	01/24/23	01/26/23	Glass Jar, 2 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Ocotillo ACI Federal #1 Project Number: 19034-0016 Project Manager: Greg Crabtree	Reported: 1/26/2023 3:31:39PM
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SB-8 @ 10 Ft

E301125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304025	
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.5 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2304033	
Diesel Range Organics (C10-C28)	31.8	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane	86.5 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2304028	
Chloride	ND	20.0	1	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 12.5 Ft

E301125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304025	
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.4 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2304033	
Diesel Range Organics (C10-C28)	48.4	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>	82.3 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2304028	
Chloride	ND	20.0	1	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 15. Ft

E301125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	63.5	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
	82.0 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	20.0	1	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 17.5 Ft

E301125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	65.2	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
	78.3 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	20.0	1	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 20 Ft

E301125-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	199	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	170	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
	82.2 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 30 Ft

E301125-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	151	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	101	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
	76.9 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 40 Ft

E301125-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	74.1	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	52.6	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
		84.9 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 50 Ft

E301125-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	83.2	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	57.3	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 60 Ft

E301125-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Ocotillo ACI Federal #1
Project Number: 19034-0016
Project Manager: Greg Crabtree

Reported:
1/26/2023 3:31:39PM

SB-8 @ 70 Ft

E301125-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2304033
Diesel Range Organics (C10-C28)	133	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	86.6	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

Volatile Organics by EPA 8021B

Analyst: SL

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 (2304025-BLK1)

Prepared: 01/25/23 Analyzed: 01/26/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

LCS (2304025-BS1)

Prepared: 01/25/23 Analyzed: 01/26/23

Benzene	3.99	0.0250	5.00		79.7	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.1	70-130			
Toluene	4.34	0.0250	5.00		86.9	70-130			
o-Xylene	4.46	0.0250	5.00		89.2	70-130			
p,m-Xylene	8.75	0.0500	10.0		87.5	70-130			
Total Xylenes	13.2	0.0250	15.0		88.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			

LCS Dup (2304025-BSD1)

Prepared: 01/25/23 Analyzed: 01/26/23

Benzene	4.40	0.0250	5.00		88.0	70-130	9.91	20	
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130	10.5	20	
Toluene	4.81	0.0250	5.00		96.3	70-130	10.3	20	
o-Xylene	4.93	0.0250	5.00		98.6	70-130	10.0	20	
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130	10.3	20	
Total Xylenes	14.6	0.0250	15.0		97.6	70-130	10.2	20	
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2304025-BLK1) Prepared: 01/25/23 Analyzed: 01/26/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			

LCS (2304025-BS2) Prepared: 01/25/23 Analyzed: 01/26/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

LCS Dup (2304025-BSD2) Prepared: 01/25/23 Analyzed: 01/26/23

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.4	70-130	3.35	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2304033-BLK1)					Prepared: 01/26/23 Analyzed: 01/26/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		94.1	50-200			

LCS (2304033-BS1)					Prepared: 01/26/23 Analyzed: 01/26/23				
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike (2304033-MS1)					Source: E301126-01		Prepared: 01/26/23 Analyzed: 01/26/23		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

Matrix Spike Dup (2304033-MSD1)					Source: E301126-01		Prepared: 01/26/23 Analyzed: 01/26/23		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132	2.13	20	
Surrogate: n-Nonane	52.6		50.0		105	50-200			



QC Summary Data

EOG Resources	Project Name:	Ocotillo ACI Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0016	
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

Anions by EPA 300.0/9056A

Analyst: RAS

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 (2304028-BLK1)					Prepared: 01/25/23 Analyzed: 01/25/23				
Chloride	ND	20.0							
LCS (2304028-BS1)					Prepared: 01/25/23 Analyzed: 01/26/23				
Chloride	263	20.0	250		105	90-110			
LCS Dup (2304028-BSD1)					Prepared: 01/25/23 Analyzed: 01/26/23				
Chloride	265	20.0	250		106	90-110	0.936	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	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	01/26/23 15:31

- 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.

Client: EOG					Bill To		Lab Use Only		TAT				EPA Program	
Project: Ocotillo ACI Federal #1							Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Greg Crabtree					Attention:		E301125	19034-0016	X					
Address:					Address:		Analysis and Method							RCRA
City, State, Zip					City, State, Zip									
Phone:					Phone:									
Email: All Enviro					Email:									
Report due by:														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BDGOC								
16:00	1/23/23	S	1	SB-8 @ 10 ft	1	X								
8:11	1/24/23	S	1	SB-8 @ 12.5 ft	2	X								
8:40	1/24/23	S	1	SB-8 @ 15 ft	3	X								
9:02	1/24/23	S	1	SB-8 @ 17.5 ft	4	X								
9:25	1/24/23	S	1	SB-8 @ 20 ft	5	X								
10:06	1/24/23	S	1	SB-8 @ 30 ft	6	X								
10:54	1/24/23	S	1	SB-8 @ 40 ft	7	X								
12:12	1/24/23	S	1	SB-8 @ 50 ft	8	X								
12:50	1/24/23	S	1	SB-8 @ 60 ft	9	X								
13:27	1/24/23	S	1	SB-8 @ 70 ft	10	X								
Additional Instructions:														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.				
Sampled by: Patrick Mesa														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: Y/ N						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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.														

Envirotech Analytical Laboratory

Printed: 1/26/2023 9:07:23AM

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	Date Received:	01/26/23 08:25	Work Order ID:	E301125
Phone:	(575) 748-4217	Date Logged In:	01/25/23 15:11	Logged In By:	Caitlin Christian
Email:		Due Date:	01/26/23 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: Patrick MesaComments/ResolutionSample 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? No
11. If yes, were custody/security seals intact? NA
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? Yes

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.

Ocotillo ACI Federal #001
Remediation Closure Report



September 13, 2023

Appendix 4

Site Photography

Site Photography
EOG Resources
Remediation Closure Report
Ocotillo ACI Federal #1
Eddy County, New Mexico
Incident ID: nAPP2214650299

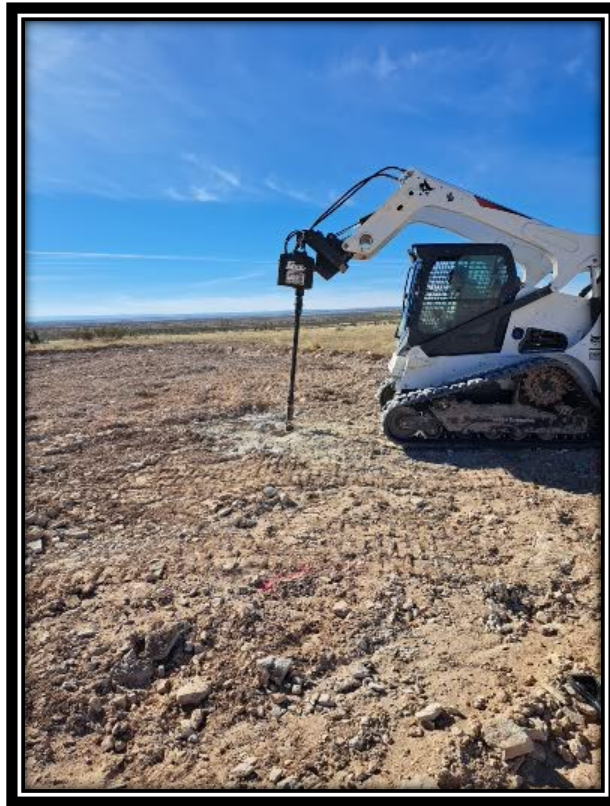


Picture 1: First Peroxide Spray 11/3/22.



Picture 2: Follow Up November Sampling Event

Site Photography
EOG Resources
Remediation Closure Report
Ocotillo ACI Federal #1
Eddy County, New Mexico
Incident ID: nAPP2214650299



Picture 3: December Delineation Event



Picture 4: Example of Soil Boring Through Rock

Site Photography
EOG Resources
Remediation Closure Report
Ocotillo ACI Federal #1
Eddy County, New Mexico
Incident ID: nAPP2214650299



Photo 5: Exploratory Soil Boring (SB-8)



Photo 6: Crude Oil Trapped in Limestone at
20 feet in SB-8

Ocotillo ACI Federal #001
Remediation Closure Report



September 13, 2023

Appendix 5

Regulatory Correspondence

From: [Jeremy Haass](#)
To: [Tami Knight](#)
Subject: FW: Ocotillo ACI Federal 1 (nAPP2214650299) Sampling Notification
Date: Wednesday, February 1, 2023 9:55:26 AM
Attachments: [image001.png](#)
[image002.png](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jeremy Haass

Safety & Environmental Specialist

EOG Resources – Artesia Division

104 S. 4th Street

Artesia, NM 88210

Office: (575) 748-4311

Fax: (575) 748-4131

Cell: (575) 513-9235

jeremy_haass@eogresources.com



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 5, 2022 10:02 AM
To: ocd.enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Ocotillo ACI Federal 1 (nAPP2214650299) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Ocotillo ACI Federal 1
A-10-20S-24E
Eddy County, NM
nAPP2214650299

Sampling will begin at 8:00 a.m. on Wednesday, October 12, 2022.

Thank you,

From: [Jeremy Haass](#)
To: [Tami Knight](#)
Subject: FW: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sample Notification
Date: Wednesday, February 1, 2023 9:56:54 AM
Attachments: [image002.png](#)
[image003.png](#)

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Jeremy Haass

Safety & Environmental Specialist

EOG Resources – Artesia Division

104 S. 4th Street

Artesia, NM 88210

Office: (575) 748-4311

Fax: (575) 748-4131

Cell: (575) 513-9235

jeremy_haass@eogresources.com



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, November 10, 2022 1:38 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sample Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, November 10, 2022 1:37 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sample Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, November 10, 2022 1:06 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sample Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Ocotillo ACI Federal 1
A-10-20S-24E
Eddy County, NM
nAPP2214650299

Sampling will begin at 8:00 a.m. on Wednesday, November 16, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



From: [Jeremy Haass](#)
To: [Tami Knight](#)
Subject: FW: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sampling Notification
Date: Monday, December 12, 2022 8:57:04 AM
Attachments: [image003.png](#)
[image001.png](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Jeremy Haass

Safety & Environmental Specialist

EOG Resources – Artesia Division

104 S. 4th Street

Artesia, NM 88210

Office: (575) 748-4311

Fax: (575) 748-4131

Cell: (575) 513-9235

jeremy_haass@eogresources.com



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, December 9, 2022 8:59 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, December 9, 2022 8:59 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial

and/or closure reports to ensure the notifications are documented in the project file.

With warm winter greetings,
Jocelyn Harimon

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, December 9, 2022 6:51 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Ocotillo ACI Federal 1 (nAPP2214650299) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

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

Ocotillo ACI Federal 1
A-10-20S-24E
Eddy County, NM
nAPP2214650299

Sampling will begin at 8:00 a.m. on Tuesday, December 13, 2022 and continue through 5:00 p.m. on Wednesday, December 14, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121

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 264861

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 264861
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation approved.	3/15/2024
amaxwell	<ul style="list-style-type: none">The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/15/2024