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

FEOG Resources, IIIc.			OGRID	7377			
Contact Name Jeremy Haass			(Contact Telephone 575-748-1471			
Contact email Jeremy_Haass@eogresources.com]	Incident # I	nAPP2214650	0299	
Contact mail	ing address	104 S. 4th Stre	et, Artesia, NN	1 88210)		
Location of Release Source							
Latitude 32.5938416 Longitude -104.5696945 (NAD 83 in decimal degrees to 5 decimal places)							
Site Name O	cotillo ACI Fe	ederal #1		S	Site Type Battery		
Date Release	Discovered	5/26/2022		A	API# 30-02	15-26338	
Unit Letter Section Township Range				Coun	ty]	
Α	10	20S	24E		Eddy	1	
Surface Owner: State Federal Tribal Private (Name: Nature and Volume of Release							
	Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)						
Crude Oi		Volume Release	OTIKITOW	/n		Volume Recovered (bbls) 0	
✓ Produced	Water	Volume Release	Ulikilov			Volume Recovered (bbls) 0	
Is the concentration of dissolved chloride produced water >10,000 mg/l?			hloride in	n the	Yes N	О	
Condensate Volume Released (bbls)					Volume Recovered (bbls)		
□ Natural Gas Volume Released (Mcf)					Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units) Volume/Weight Recovered			ght 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.							

Received by OCD: 9/13/2023 11:30:28'AM

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Oil Conservation Division

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Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the respon	sible party consider this a major release?
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible p	party must undertake the following actions immediatel	vunless they could create a safety hazard that would result in injury
✓ The source of the rele	ease has been stopped.	
	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
☑ All free liquids and re	ecoverable materials have been removed and	l managed appropriately.
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence re	emediation 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 lease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	pest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Jeremy	Haass	Title: Sr. Safety & Environmental Specialist
Signature: Ty Have	35	Date: 5/26/22
email: jeremy_haass@	Deogresources.com	Telephone: 575-748-1471
OCD Only	Llavimon	05/26/2022
Received by:Jocelyn	n Harimon	Date:

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Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no taler than 20 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?	☐ Yes 🙀 No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Yes X No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No		
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	✓ Yes ☐ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			

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

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

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Jeremy Haass	Title: Sr, Safety & Environmental Specialist		
Signature: Ty Huss	Date: 08/24/22		
email:jeremy_haass@eogresources.com	Telephone: 575-748-1471		
OCD Only			
Received by: Jocelyn Harimon	Date:08/24/2022		

Mate of New Mexico

Incident ID	NAPP2214650299
District RP	
Facility ID	
Application ID	

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 con	firmed as part of any request for deferral of remediation.		
<u>Deferral Requests Only</u> : 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: Ty Huss	Date: 8/24/22		
email: jeremy_haass@eogresources.com Telephone: 575-748-1471			
OCD Only			
Received by:	Date: 08/24/2022		
Approved With Attached Conditions of	Approval		
Signature: Robert Hamlet	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

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:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	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

e of New Mexico

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Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following i	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.	ntions. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in
OCD Only	
Received by: Scott Rodgers	Date:09/13/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible 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

September 13, 2023



September 13, 2023

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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

Ocotillo ACI Federal #001 Remediation Closure Report



September 13, 2023

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 2ounce 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.

Ocotillo ACI Federal #001 Remediation Closure Report



September 13, 2023

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 2ounce 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**.



September 13, 2023

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.

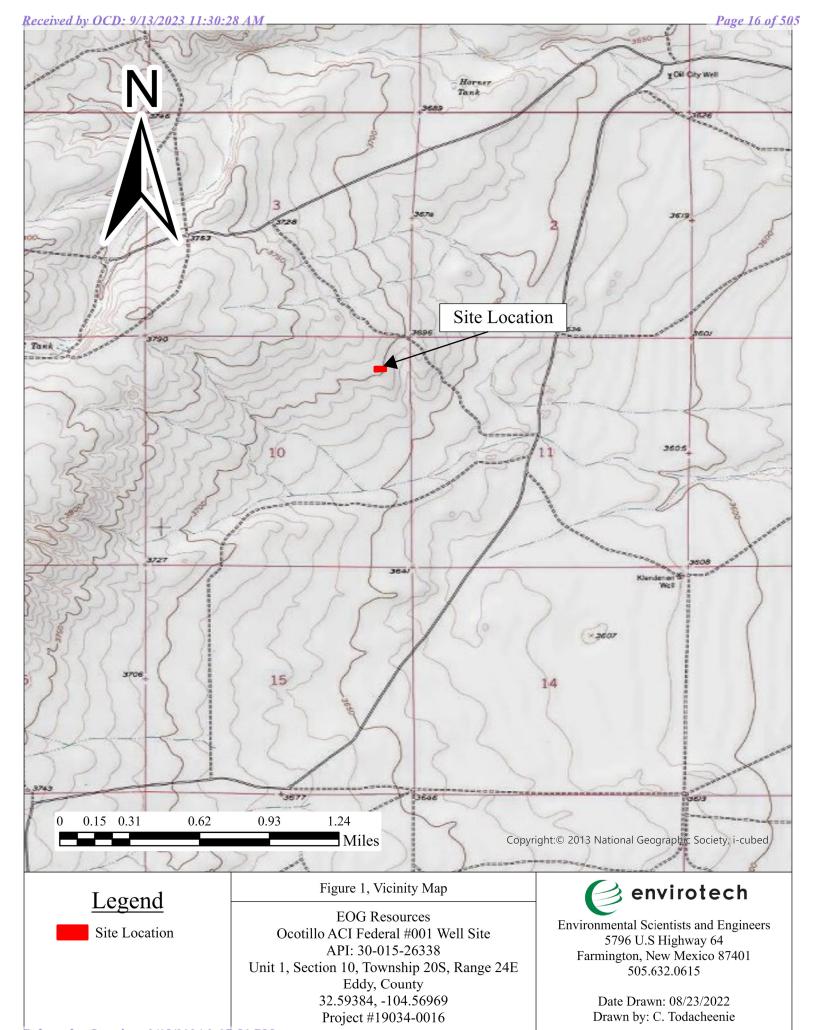


September 13, 2023

Appendix 1

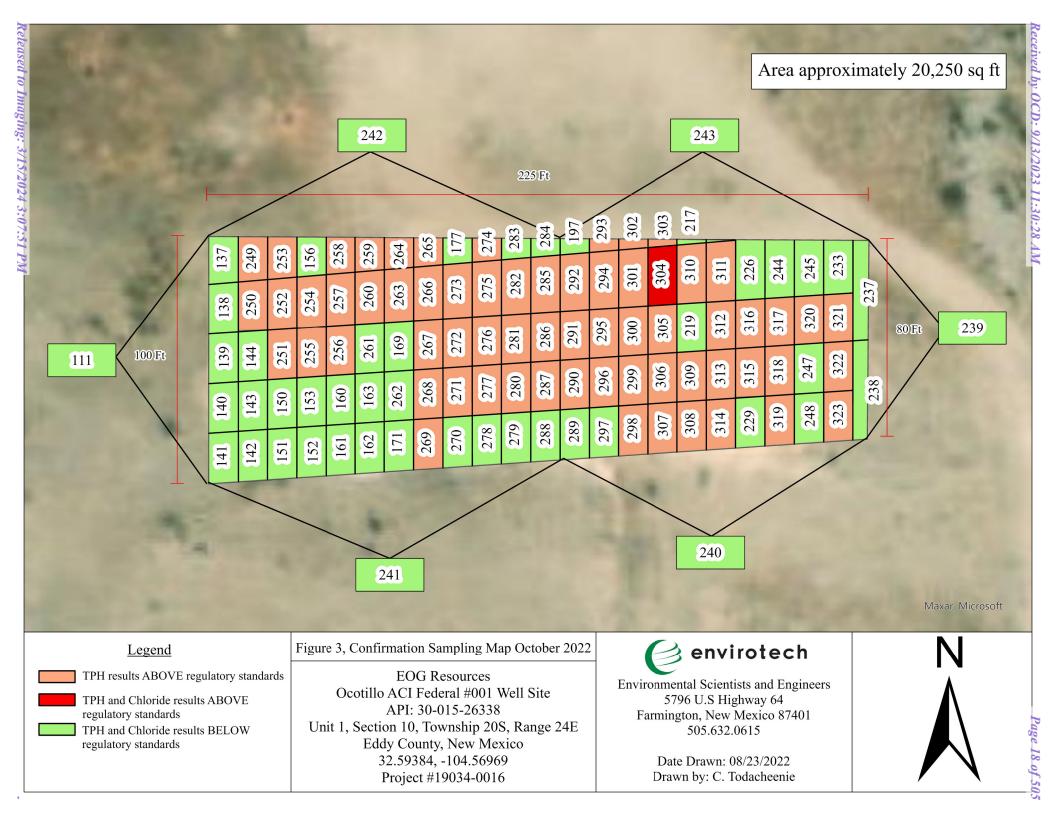
Figure 1, Vicinity Map
Figure 2, Site Map
Figure 3, October Confirmation Sampling Map
Figure 4, November-December Confirmation Sampling Map
Figure 5, Soil Boring Location Map
Figure 6, Soil Boring Log

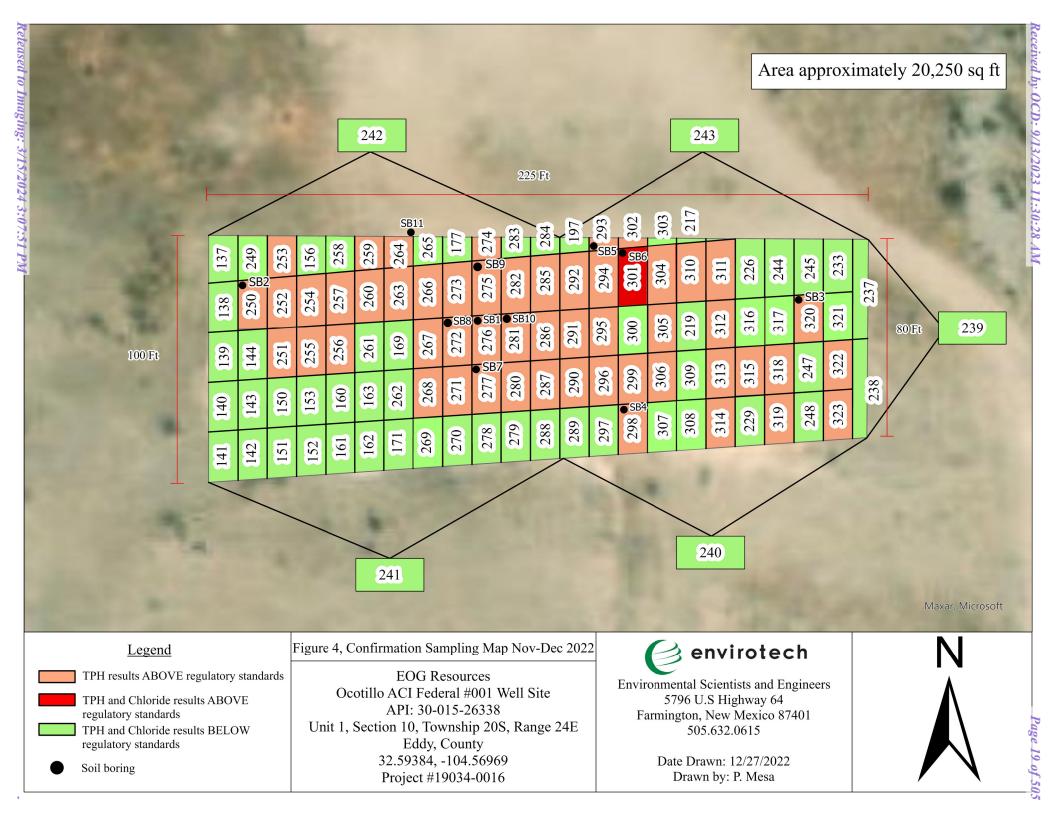
Table 1, Summary of Excavation Analytical Results Table 2, Summary of Soil Boring Analytical Results

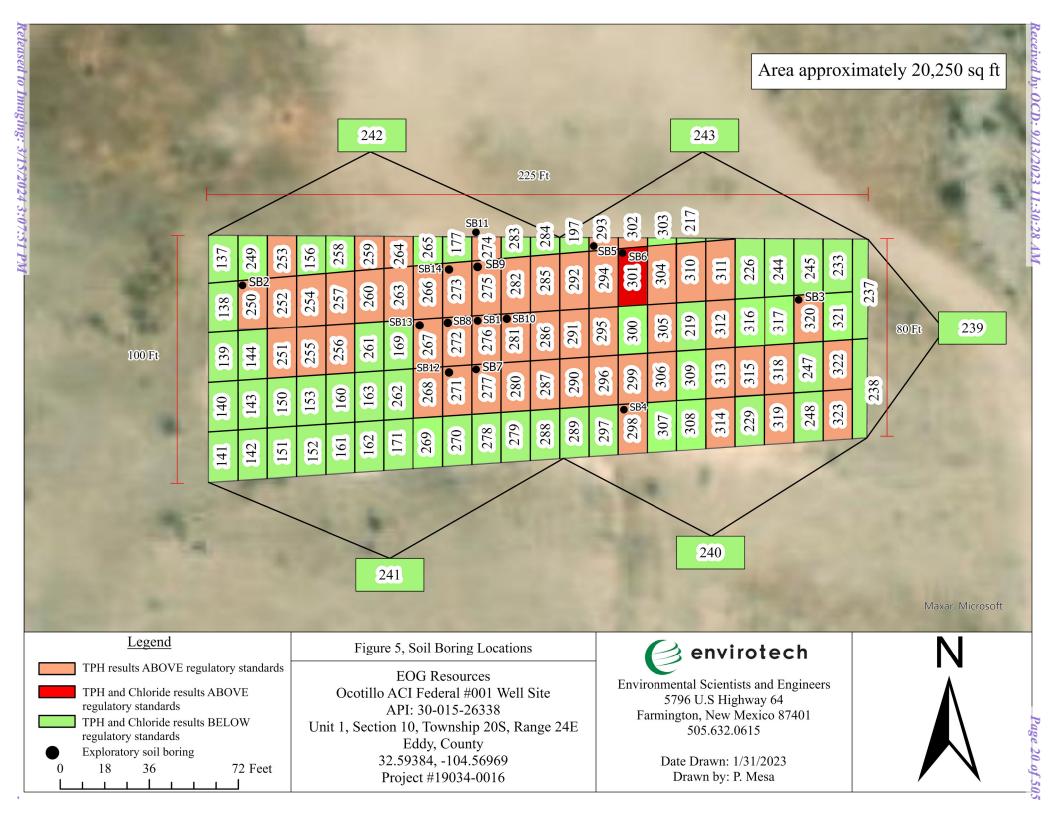


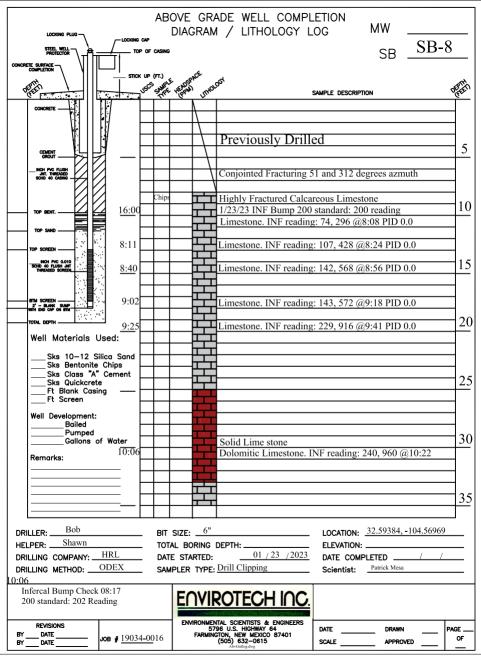
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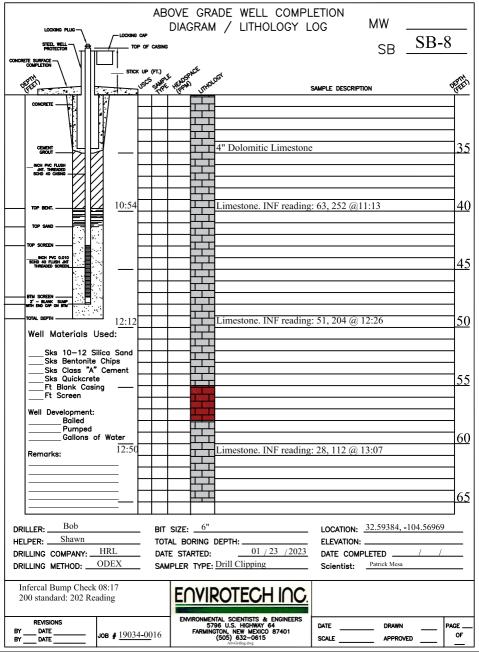


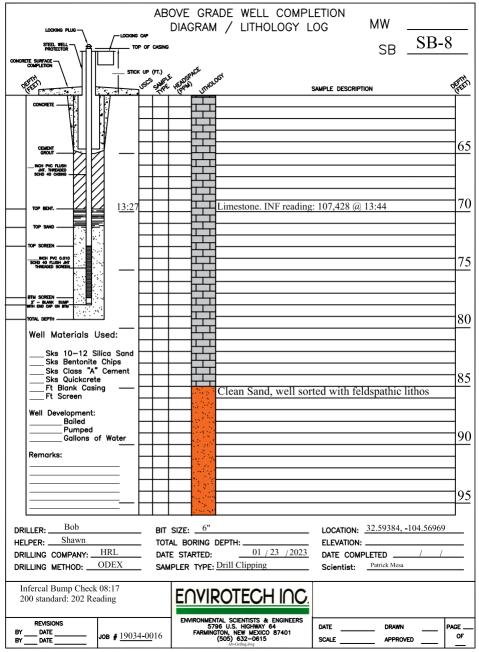












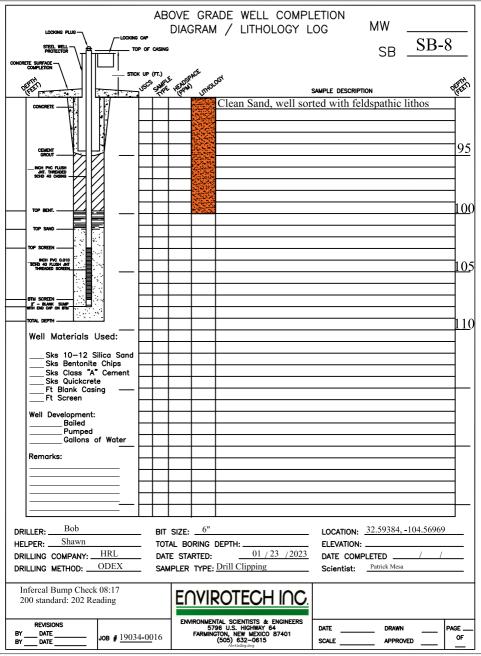


Table 1, Summary of Excavation Analytical Results
EOG Resources
Confirmation Sampling Events Summary
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

	Date Sample Descr		EPA Method 8015				EPA Met	hod 8021	EPA Method 300
Sample Name		Sample Description	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
		mation Closure Criteria 29.12 and .13 NMAC)		100 i	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 CS-250C	10/12/2022	Base Base	<20.0	110.0 158.0	147.0 146.0	257 304	<0.0250 <0.0250	<0.100 <0.100	<20.0 <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 CS-252C	10/12/2022	Base Base	<20.0	227 248	329 <250	556 248	<0.0250 <0.0250	<0.100 <0.100	23.6
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 CS-254	12/13/2022 10/12/2022	Base Base	<20.0	82.7 117	98.9 146	181.6 263	<0.0250 <0.0250	<0.100 <0.100	<20.0 <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 CS-255D	12/13/2022	Base Base	<20.0	132 147	116 165	248 312	<0.0250 <0.0250	<0.100 <0.100	<20.0 <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 CS-257D	11/16/2022	Base Base	<20.0 <20.0	319 170	<250 193	319 363	<0.0250 <0.0250	<0.100 <0.100	<20.0 <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 CS-259D	11/16/2022	Base Base	<20.0 <20.0	81.1 59.4	62.6 61.3	143.7 120.7	<0.0250 <0.0250	<0.100 <0.100	56.5 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 CS-262	10/12/2022	Base Base	<20.0 <20.0	40.5 30.0	<50.0 <50.0	40.5 30.0	<0.0250 <0.0250	<0.100 <0.100	70.9 <20.0
CS-263	10/12/2022	Base	<20.0	177	<250.0	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 CS-264C	10/12/2022	Base	<20.0	87.8 114	105 115	192.8 229	<0.0250 <0.0250	<0.100 <0.100	58.9 28.9
CS-264D	12/13/2022	Base 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 CS-266C	10/12/2022	Base Base	<20.0	281 253	401 <250	682 253	<0.0250 <0.0250	<0.100 <0.100	<20.0 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 CS-268	12/13/2022	Base Base	<20.0 <20.0	210 98.1	240 125	450 223.1	<0.0250 <0.0250	<0.100 <0.100	<20.0 23.9
CS-268C	10/12/2022	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 CS-269D	11/16/2022	Base Base	<20.0	64.3 41.3	60.1 56.3	124.4 97.6	<0.0250 <0.0250	<0.100 <0.100	154 <20.0
CS-270	12/13/2022 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 CS-272C	10/12/2022	Base Base	<20.0	325 276	<500 277	325 553	<0.0250 <0.0250	<0.100 <0.100	<20.0 <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



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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

	Date	Sample Description	EPA Method 8015				EPA Method 8021		EPA Method 300.	
Sample Name			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 i	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 CS-275C	10/12/2022	Base Base	<20.0	411 520	465 576	876 1.096	<0.0250 <0.0250	<0.100	34.3 <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 CS-277	12/13/2022 10/12/2022	Base Base	<20.0	787 107	781 131	1,568 238	<0.0250 <0.0250	<0.100 <0.100	<20.0 <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 CS-280C	10/12/2022	Base Base	<20.0	64.1 100	71.4	135.5 247	<0.0250 <0.0250	<0.100	<20.0 <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	
00.000	12/13/2022	Base	<20.0	177	246	423	<0.0250	<0.100	100.0	
CS-282 CS-282C	10/12/2022	Base Base	<20.0	465 447	641 450	1,106 897	<0.0250 <0.0250	<0.100	<20.0 <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 Base	<20.0 <20.0	229 130	271 188	500 318	<0.0250 <0.0250	<0.100	20.4 <20.0	
CS-285D CS-286	12/13/2022	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 CS-287D	12/13/2022	Base Base	<20.0 <20.0	103 120	145 179	248 299	<0.0250 <0.0250	<0.100	<20.0 <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 Base	<20.0	160	237	397	<0.0250	<0.100	<20.0	
CS-291 CS-291C	10/12/2022	Base	<20.0	108 96.5	213 130	321 226.5	<0.0250	<0.100	53.1 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 CS-293	12/13/2022	Base Base	<20.0	73.2 42.4	121 66	194.2 108.7	<0.0250 <0.0250	<0.100 <0.100	155 151	
CS-293C	11/16/2022	Base	<20.0	41.1	61.3	100.7	<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 CS-295	12/13/2022 10/12/2022	Base Base	<20.0	51.4 65.0	92.5 90.9	143.9 155.9	<0.0250 <0.0250	<0.100 <0.100	315 116	
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 CS-297	12/13/2022 10/12/2022	Base Base	<20.0 <20.0	155 <25.0	239 <50.0	394 <95.0	<0.0250 <0.0250	<0.100 <0.100	<20.0 160	
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 CS-299D	12/13/2022	Base Base	<20.0 <20.0	127 107	178 197	305 304	<0.0250 <0.0250	<0.100	24.4 <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	

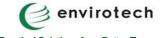


Table 1, Summary of Excavation Analytical Results
EOG Resources
Confirmation Sampling Events Summary
Ocotillo ACI Federal #001; API: 30-015-26338
Unit A, Section 10, Township 10S, Range 44E
Eddy County, New Mexico
Project #19034-0016

	EPA Method 8015			EPA Me	EPA Method 300.0				
Sample Name	Date	Sample Description	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
		mation Closure Criteria .29.12 and .13 NMAC)		100 i	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 CS-302	12/13/2022 10/12/2022	Base Base	<20.0	49.9 47.6	93.2 93	143.1 140.9	<0.0250 <0.0250	<0.100 <0.100	634 276
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 CS-304C	10/12/2022	Base Base	<20.0	42.7 54.2	85.5 60.2	128.2 114.4	<0.0250 <0.0250	<0.100 <0.100	654 375
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 <0.100	39.2
CS-306 CS-306C	10/12/2022	Base Base	<20.0	331 170	592 <250	923 170	<0.0250 <0.0250	<0.100	<20.0 <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 CS-308C	11/16/2022	Base Base	<20.0 <20.0	64.4 33.1	146 <50.0	210.4 33.1	<0.0250 <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 CS-310D	12/13/2022	Base Base	<20.0 <20.0	64.4 47.2	84.4 68.6	148.8 115.8	<0.0250 <0.0250	<0.100	65.4 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 CS-312C	10/12/2022	Base Base	<20.0	53.0 64.7	65 85.2	117.8 149.9	<0.0250 <0.0250	<0.100	<20.0 114
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 CS-314	12/13/2022 10/12/2022	Base Base	<20.0	93.5 53.4	127 59.8	220.5 113.2	<0.0250 <0.0250	<0.100 <0.100	<20.0 417
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 CS-315D	12/13/2022	Base	<20.0	89.7 98.5	140 142	229.7 240.5	<0.0250 <0.0250	<0.100	25.3 107
CS-316	10/12/2022	Base Base	<20.0	102	138	240.5	<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 CS-318C	10/12/2022	Base Base	<20.0	218 50.6	<250 74.1	218 124.7	<0.0250 <0.0250	<0.100	<20.0 <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 CS-320C	10/12/2022	Base Base	<20.0	53.6 113	70.7 <100	124.3 113	<0.0250 <0.0250	<0.100 <0.100	<20.0 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 CS-322C	10/12/2022	Base Base	<20.0	252 201	347 <250	599 201	<0.0250 <0.0250	<0.100 <0.100	<20.0 <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

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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

				EPA Met	hod 8015		EPA Met	EPA Method 8021		
Sample Name	Date	Sample Description	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	
		nation Closure Criteria 29.12 and .13 NMAC)		100 r	ng/kg		10 mg/kg	50 mg/kg	600 mg/kg	
SB1 @ 2ft	12/13/2022		<20.0	139	190	329	<0.0250	<0.100	32.5	
*SB1 @ 4ft	12/10/2022		<20.0	74.4	99.5	174	<0.0250	<0.100	32.6	
SB1 @ 5ft		Grid 276	<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			<20.0	83.8	73.5	157.3	<0.0250	<0.100	30.4	
SB2 @ 4ft		Grid 250	<20.0	59.4	119	178.4	<0.0250	<0.100	<20.0	
SB2 @ 5ft		Grid 250	<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	12/20/2022		<20.0	57.6	71.2	128.8	<0.0250	<0.100	<20.0	
SB3 @ 3ft		Grid 320	<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			<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	12/21/2022	Grid 272	<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		<20.0	69.0	65.1	134.1	<0.0250	<0.100	43.6	
SB9@ 3ft	12/21/2022	- Grid 275	<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	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	602	
SB12 @ 3ft	1/17/2023	(outside excavation) Grid 271	<20.0	<25.0 <25.0	<50.0 <50.0	<95.0	<0.0250	<0.100	34.3	
SB13 @ 4ft	./11/2020	Olid El 1	<20.0	91.2	59.3	151	<0.0250	<0.100	27.2	
SB13 @ 5ft		Grid 267	<20.0	55.0	<50.0	55.0	<0.0250	<0.100	34.4	
SB13 @ 6ft		S114 201	<20.0	<25.0	<50.0	<95.0	<0.0250	<0.100	29.4	
SB13 @ 8ft	1/18/2023		<20.0 <20.0	<25.0 127	<50.0 109	<95.0 236	<0.0250 <0.0250	<0.100	32.3 39.6	
SB14 @ 4ft SB14 @ 5ft	1/10/2023		<20.0	62.9	<50.0	62.9	<0.0250	<0.100	39.6 44.2	
SB14 @ 5ft		Grid 273	<20.0	46.9	<50.0	46.9	<0.0250	<0.100	49.6	
SB14 @ 7ft		0	<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 labled as SB2 @4'
Sample indicating COCs below regulatory standards
Extra samples not applicable to closure but below regulatory standards



Ocotillo ACI Federal #001 Remediation Closure Report



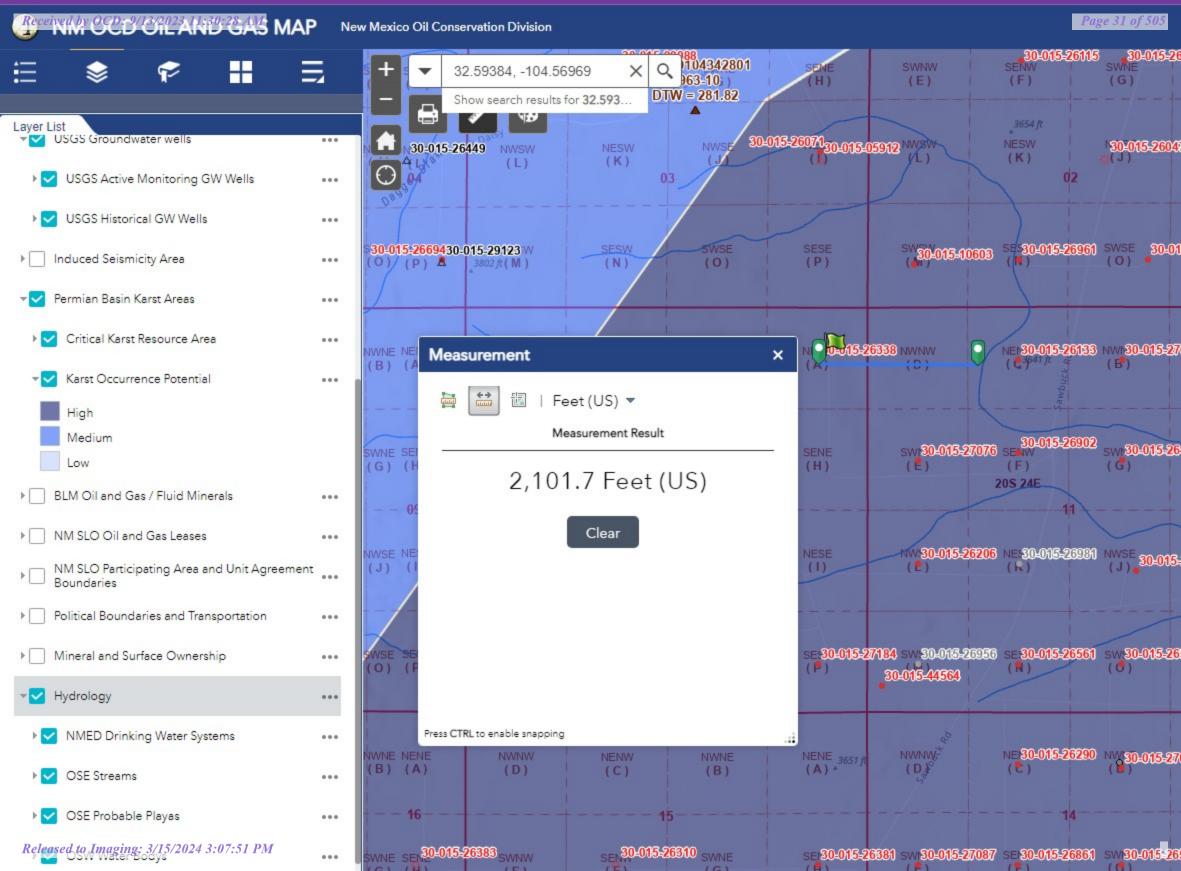
September 13, 2023

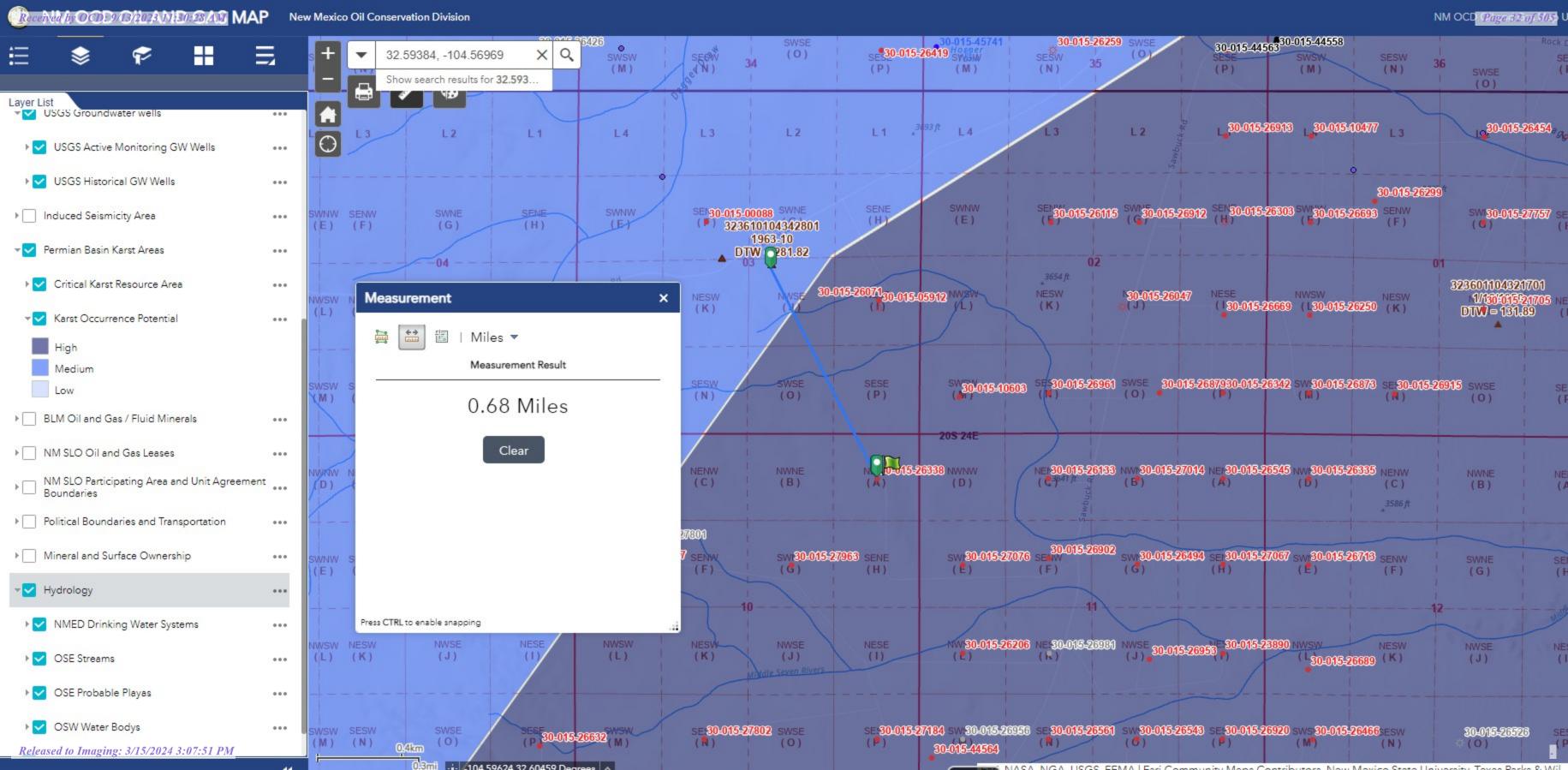
Appendix 2

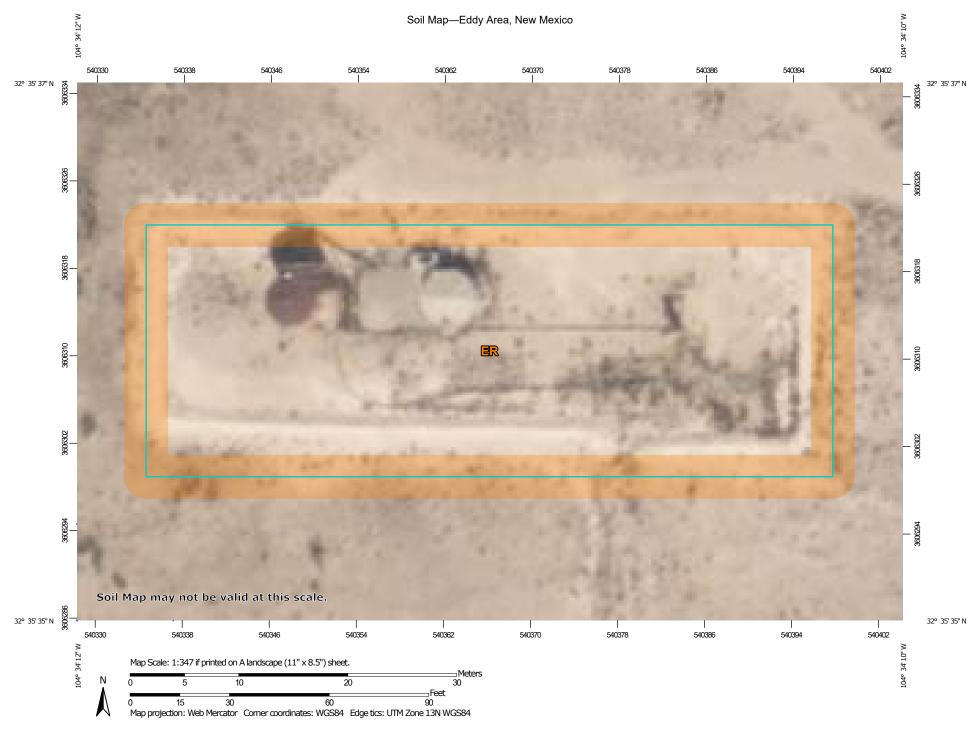
Siting Criteria Documentation with OSE Permit

Site Name:	Ocotilla ACI Fe	deral #001					
API#:	30-015-26338	30-015-26338					
Lat/Long:	32.59384, -104.	56969					
Legal Description (Unit, Sec, TWN, RNG)	Unit A Sec 10 T	Jnit A Sec 10 T20S R24E					
Land Jurisdiction:							
County:							
Wellhead Protection Area Assessment				•			
Water Source Type							
(well/spring/stock pond)	ID	Latitude	Longitude	Distance			
				<u> </u>			
Depth to Groundwater Determination: _>	•100 ft (bgs	5)					
Cathodic Report/Site Specific Hydrogeology							
Elevation Differential							
Licyation Differential	USGS wells 0.6	8 miles NM	of well site: d	enth to			
 Water Wells	water >200 ft	0 1111103 1444	or wen site, a	cpiii to			
Sensitive Receptor Determination							
Was groundwater or surface water impacte	d?			No			
<300' of any continuously flowing watercoul	rse or any other	significant w	atercourse	No			
<200' of any lakebed, sinkhole or playa lake Water Mark)	e (measured fror	n the Ordina	ry High	No			
<300' of an occupied permanent residence,	school, hospital	, institution	or church	No			
<500' of a spring or private/domestic water or stock watering purposes	well used by <5	households	for domestic	No			
<1000' of any water well or spring				No			
Within incorporated municipal boundaries o	r within a define	d municipal	fresh water				
well field				No			
<300' of a wetland				No			
Within the area overlying a subsurface mine	е			No			
Within an unstable area or karst topography	y			Yes			
Within a 100-year floodplain				No			
Did the release impact areas NOT on an exploration, development, production, or storage site?							
DTW Determination ≤50 ☐ 50-100 ☐ >100 ☑							
Benzene		10	10				
BTEX (mg/kg)	50	50	50				
8015 TPH (GRO/DRO) (mg/kg)		1,000	1,000				
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500				
Chlorides (mg/kg)	600	10,000	20,000				









MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



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

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%

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

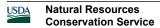
Frequency of flooding: None Frequency of ponding: None

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)



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

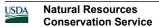
Minor Components

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 Received by OCD: 9/13/2023 11:30:28 AM Page 39 of 505

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

NGS Information Services NOAA, N/NGS12 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.

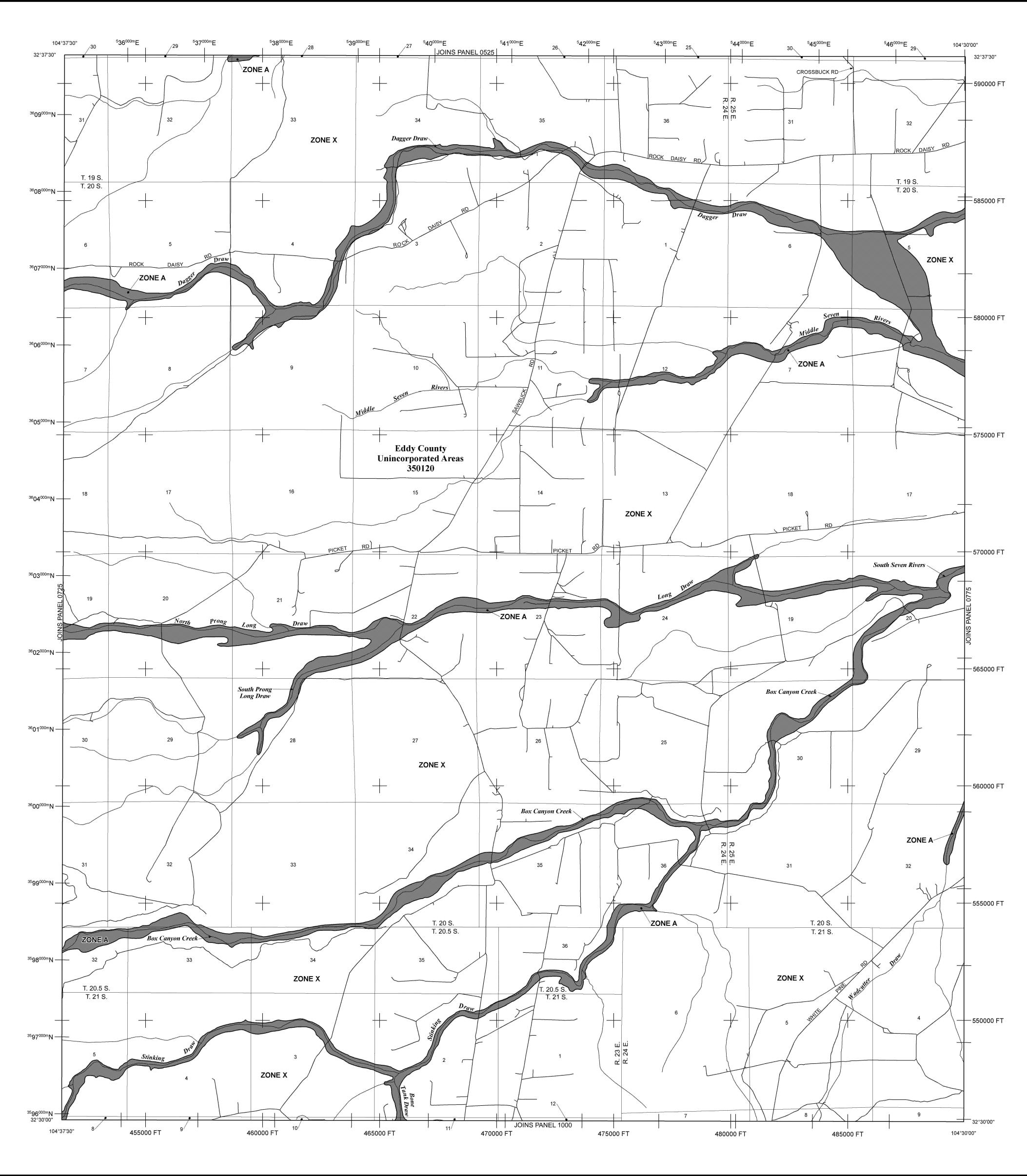
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, 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

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.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations 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.

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.

Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined. Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations

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

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

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 ~~~ 513 ~~~ Base Flood Elevation line and value; elevation in feet* Base Flood Elevation value where uniform within zone; elevation

(EL 987) * Referenced to the North American Vertical Datum of 1988 Cross section line

M1.5

23)-----(23) Transect line Geographic coordinates referenced to the North American 97°07'30", 32°22'30" Datum of 1983 (NAD 83), Western Hemisphere

4275000mE 1000-meter Universal Transverse Mercator grid ticks, zone 13 5000-foot grid values: New Mexico State Plane coordinate 6000000 FT system, East Zone (FIPSZONE = 3001), Lambert projection Bench mark (see explanation in Notes to Users section of this DX5510

> 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.

MAP SCALE 1" = 2000"

PANEL 0750D **FIRM** FLOOD INSURANCE RATE MAP EDDY COUNTY, **NEW MEXICO** AND INCORPORATED AREAS ANGE PANEL 750 OF 2000 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS: COMMUNITY NUMBER PANEL SUFFIX

EDDY COUNTY, 350120 0750 D UNINCORPORATED AREAS

Notice to User: The Map Number shown below should be used



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,

Alucena Ramirez (575)622-6521

Enclosure

explore

Released to Imaging: 3/15/2024 3:07:51 PM

Released to Imaging: 3/15/2024 3:07:51 PM

File No. 24-13275 PODL

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 Engine	ser website: http://www.ose.state.nm.us/
Purpose:	Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
Exploratory Well*(Pump test)	Construction Site/P Works Dewatering	rublic Other(Describe): Exploratory Dry Soil Boring
☐ Monitoring Well	Mine Dewatering	
		ess if use is consumptive or nonconsumptive. WB) will be notified if a proposed exploratory well is used for public water supply.
Temporary Request - Requeste	ed Start Date: January 16, 2	Requested End Date: March 10, 2023
Plugging Plan of Operations Subm	nitted? Ves No	
1. APPLICANT(S) Name: EOG Resources		Name: Envirotech, Inc.
Contact or Agent: Jeremy Haass	check here if Agent	Contact or Agent: check here if Agent
Mailing Address: 104 South 4th Street		Mailing Address: 5796 US Highway 64
City: Artesia		City: Farmington
	Zip Code: 88210	State: Zip Code: 87401
	•	Lip Code.
New Mexico Phone: 575-513-9235	88210	New Mexico 87401 Phone: 505-801-4707 ☐ Home

OSE 011 JAN 3 2023 PM3:13

FOR OSE INTERNAL USE	Application for Permit, Form WR-07, Rev 07/12/22
File No.: RA 13275	Tm. No.: 740730 Receipt No.: 2-45351
Trans Description (optional):	ON
Sub-Basin:	PCW/LOG Due Date: 11024
	Dogg 4 of 2

age 1 of 3

2.	WELL(S)	Describe	the	well(s)	applicable	to	this	application	16
----	---------	----------	-----	---------	------------	----	------	-------------	----

(Lat/Long - WGS84).			tate Plane (NAD 83), UTM (NAD 83), <u>or</u> Latitude/Longitude a PLSS location in addition to above.
NM State Plane (NAD83) NM West Zone NM East Zone NM Central Zone		ITM (NAD83) (Mete]Zone 12N]Zone 13N	Lat/Long (WGS84) (to the nearest 1/10 th of second)
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Haives, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
RA-132759001 SB-8	-104.569908	32.593619	Unit A, Section 10, Township 20 South, Range 24 East
		OF HERE STORES	
NOTE: If more well location Additional well descriptions	s need to be describ	ed, complete forπ	WR-08 (Attachment 1 – POD Descriptions) If yes, how many
Other description relating well	to common landmark	abandoned oil and	
Well is on land owned by: EO	3 Resources		
Well Information: NOTE: If n If yes, how many	nore than one (1) we 	Il needs to be des	cribed, provide attachment. Attached? Yes No
Approximate depth of well (fee		l c	Outside diameter of well casing (inches):
Driller Name: HRL Compliance	Soultions		riller License Number: #1 85

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.

QSE 011 JAN 3 2023 PKG:19

FOR OSE INTERNAL USE

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

File No.: 2A-13275 Tm No.:

Page 2 of 3

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Exploratory:	Pollution Control and/or Recovery:	Construction	Mine De-Watering:					
Is proposed	☐ Include a plan for pollution	De-Watering:	Include a plan for pollution					
well a future	control/recovery, that includes the	☐ Include a description of the	control/recovery, that includes the following:					
public water	following:	proposed dewatering	☐ A description of the need for mine					
	☐ A description of the need for the	operation,	dewatering.					
supply well?	pollution control or recovery operation.	☐ The estimated duration of	☐ The estimated maximum period of time					
Yes INO	The estimated maximum period of time for completion of the operation.	the operation, The maximum amount of	for completion of the operation. The source(s) of the water to be diverted					
If Yes, an	The annual diversion amount.	water to be diverted.	The geohydrologic characteristics of the					
application must be filed with	☐ The annual consumptive use	☐ A description of the need	aquifer(s).					
NMED-DWB.	amount.	for the dewatering operation,	The maximum amount of water to be					
concurrently.	☐ The maximum amount of water to be	and,	diverted per annum.					
Include a	diverted and injected for the duration of	☐ A description of how the	The maximum amount of water to be					
description of	the operation. The method and place of discharge.	diverted water will be disposed of.	diverted for the duration of the operation.					
the requested	The method of measurement of	Ground Source Heat Pump:	☐The quality of the water. ☐The method of measurement of water					
pump test if	water produced and discharged.	☐ Include a description of the	diverted.					
applicable.	☐ The source of water to be injected.	geothermal heat exchange	☐The recharge of water to the aquifer.					
	☐ The method of measurement of	project,	Description of the estimated area of					
Monitoring	water injected.	The number of boreholes	hydrologic effect of the project.					
The reason	The characteristics of the aquifer.	for the completed project and	The method and place of discharge.					
and duration	☐ The method of determining the	required depths.	An estimation of the effects on surface					
of the	resulting annual consumptive use of water and depletion from any related	The time frame for	water rights and underground water rights from the mine dewatering project.					
monitoring is	stream system.	constructing the geothermal heat exchange project, and,	☐ ☐ A description of the methods employed to					
required.	Proof of any permit required from the	The duration of the project.	estimate effects on surface water rights and					
	New Mexico Environment Department.	Preliminary surveys, design	underground water rights.					
	An access agreement if the	data, and additional	☐Information on existing wells, rivers,					
	applicant is not the owner of the land on	information shall be included to	springs, and wetlands within the area of					
	which the pollution plume control or recovery well is to be located.	provide all essential facts relating to the request.	hydrologic effect.					
1 1810 / 06 0	Vheleter Sancher on Acces	KNOWLEDGEMENT						
I, We (name of a	applicar <u>it(8)),</u>	int Name(s)						
affirm that the fo	regoing statements are true to the best of (
2/								
Applicant Signal	hija	Applicant Signature						
Approxim organic			•					
	ACTION	OF THE STATE ENGINEER						
		This application is:	7					
	Пуарргoved		denied					
provided it is n Mexico nor det	rimental to the public welfare and further su	ubject to the <u>attached</u> conditions of						
Witness my han	d and seal this 19 day of	January 20 23.	for the State Engineer,					
Mike	A. Hamman P.E.	, State Engineer						
Bv:	(Parell)	Kashiar	Princkh					
Signature		Print						
mellinter Kesonnes Manager I								

FOR OSE INTERNAL USE

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

File No.: RA-13275 Tm No.: 74073

Received by OCD: 9/13/2023 11:30:28 AM

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.
- 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

Received by OCD: 9/13/2023 11:30:28 AM

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.
- 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

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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 RESPOSIBILITY 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.

Witne	ess	my hand	and	seal	this	19	day	of _	Jan	A.D.,	2023	
Mike	Α.	Hamman,	P.E	•		_, Sta	te En	gine	eer			
By:		K-Pa	u-e	elel	-	_						
_		VAD DADI										

Trn Desc: RA 13275 POD1 File Number: RA 13275
Trn Number: 740730

page: 3

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 reguarding 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:

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Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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	Donoutoda
104 South 4th Street	Project Number:	19034-0016	Reported:
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.



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

CS-249

		E210068-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



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

CS-250

		D 4:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Limit	Dilution	Trepared	Allalyzeu	ivotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		101 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		110 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2243007



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

CS-251

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		101 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		113 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2243007
Chloride	20.8	20.0	1	10/17/22	10/17/22	



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

CS-252

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2242070
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0500	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
	100 %	70-130	10/14/22	10/17/22	
mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2242070
ND	20.0	1	10/14/22	10/17/22	
	78.6 %	70-130	10/14/22	10/17/22	
mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2243017
227	25.0	1	10/17/22	10/21/22	
329	50.0	1	10/17/22	10/21/22	
	99.1 %	50-200	10/17/22	10/21/22	
mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2243007
23.6	20.0	1	10/17/22	10/17/22	
	mg/kg ND ND ND ND ND ND ND ND The state of t	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO0 % mg/kg mg/kg mg/kg ND 20.0 78.6 % mg/kg mg/kg mg/kg 227 25.0 329 50.0 99.1 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 78.6 % 70-130 70-130 mg/kg mg/kg Ana 227 25.0 1 329 50.0 1 99.1 % 50-200 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0500 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL 227 25.0 1 10/17/22 329 50.0 1 10/17/22 mg/kg mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 10/17/22 ND 0.0500 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 10/17/22 mg/kg mg/kg Analyst: JL 10/17/22 10/17/22 mg/kg mg/kg Analyst: JL 10/21/22 10/21/22 g9.1 % 50-200 1 10/17/22 10/21/22 mg/kg mg/kg Analyst: RAS



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

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		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		101 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		106 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243007
·	ND	20.0		10/17/22	10/17/22	



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

CS-254

		ъ .:				
Apolisto	Result	Reporting Limit	Dilution	Duamanad	Amalyzad	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		100 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		101 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243007
-	ND	20.0		10/17/22	10/17/22	.,,



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

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		D 4:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: 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	Analys	st: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.6 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		85.9 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2243007
	62.5	20.0		10/17/22	10/17/22	



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

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		100 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2243007
· · · · · · · · · · · · · · · · · · ·	ND	20.0		10/17/22	10/17/22	•



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

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	D 1	Reporting	D'1 ('	D 1	A 1 1	N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	
Surrogate: n-Nonane		96.7 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243007



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

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		ъ .:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Frepared	Analyzeu	ivotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		100 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.2 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: n-Nonane		98.0 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2243007



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

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D t		Du d	D 1		NI 4
Kesult	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	rst: RKS		Batch: 2242070
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0500	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
	104 %	70-130	10/14/22	10/17/22	
mg/kg	mg/kg	Analy	st: RKS		Batch: 2242070
ND	20.0	1	10/14/22	10/17/22	
	82.0 %	70-130	10/14/22	10/17/22	
mg/kg	mg/kg	Analy	rst: JL		Batch: 2243017
126	50.0	2	10/17/22	10/21/22	
149	100	2	10/17/22	10/21/22	
	99.3 %	50-200	10/17/22	10/21/22	
mg/kg	mg/kg	Analy	rst: RAS		Batch: 2243007
	ND ND ND ND ND ND ND ND THE STATE OF THE STA	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO4 % mg/kg ND 20.0 82.0 % mg/kg mg/kg mg/kg 126 50.0 149 100	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MB/kg mg/kg Analy ND 20.0 1 82.0 % 70-130 mg/kg mg/kg Analy mg/kg mg/kg Analy 126 50.0 2 149 100 2 99.3 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0500 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 mg/kg mg/kg Analyst: JL 126 50.0 2 10/17/22 mg/kg Mg/kg Analyst: JL 126 50.0 2 10/17/22 149 100 2 10/17/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0500 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 10/17/22 mg/kg mg/kg Analyst: RKS ng/kg mg/kg Analyst: JL 126 50.0 2 10/17/22 10/21/22 mg/kg Mg/kg Analyst: JL 10/21/22 10/21/22 149 100 2 10/17/22 10/21/22 10/21/22



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		102 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	_

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

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		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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		104 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		77.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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	
Surrogate: n-Nonane		97.7 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2243007
Chloride	70.9	20.0	1	10/17/22	10/17/22	



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.2 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		98.8 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2243007
Chloride	ND	20.0	1	10/17/22	10/17/22	



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

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		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		96.6 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2243007
Chloride	20.5	20.0	1	10/17/22	10/17/22	



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

CS-264

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		99.6 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2243007
Chloride	58.9	20.0		10/17/22	10/17/22	



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

CS-265

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2242070
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: 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	
Surrogate: n-Nonane		54.2 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2243007
Chloride	42.0	20.0	1	10/17/22	10/18/22	



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

CS-266

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2242070
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0500	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
	104 %	70-130	10/14/22	10/18/22	
mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2242070
ND	20.0	1	10/14/22	10/18/22	
	76.2 %	70-130	10/14/22	10/18/22	
mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2243017
281	25.0	1	10/17/22	10/21/22	
401	50.0	1	10/17/22	10/21/22	
	100 %	50-200	10/17/22	10/21/22	
mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2243007
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 ND 20.0250 mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg 281 25.0 401 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 76.2 % 70-130 mg/kg mg/kg Ana 281 25.0 1 401 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0500 1 10/14/22 ND 0.0250 1 10/14/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL 281 25.0 1 10/17/22 401 50.0 1 10/17/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 ND 0.0500 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 10/18/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 10/18/22 mg/kg mg/kg Analyst: JL 10/18/22 mg/kg mg/kg Analyst: JL 10/21/22 401 50.0 1 10/17/22 10/21/22



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

CS-267

		Reporting				
Analyte	Result	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	



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

CS-268

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g 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	
Surrogate: n-Nonane		93.2 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg mg/kg		Analyst: RAS		Batch: 2243007
Chloride	23.9	20.0	1	10/17/22	10/18/22	<u> </u>

		QC 51	41111114	ii y Data	ı				
EOG Resources		Project Name:	O	cotillo ACI Fed	1 # 1				Reported:
104 South 4th Street		Project Number:	19	0034-0016					
Artesia NM, 88210		Project Manager:	Gı	reg Crabtree					10/21/2022 4:01:44PM
		Volatile O	ganics b				Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2242070-BLK1)							Prepared: 10	0/14/22 Ai	nalyzed: 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: 1	0/14/22 A	nalyzed: 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: 1	E 210068 -	05	Prepared: 10	0/14/22 A	nalyzed: 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: 1	E 210068 -	05	Prepared: 1	0/14/22 A	nalyzed: 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	
4	9.36	0.0500	10.0	ND	02.6	63-131	13.1	20	
p,m-Xylene	14.0	0.0500 0.0250	15.0	ND ND	93.6 93.5	63-131	13.1	20	

8.00

8.05

70-130



Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage	r: Gr	reg Crabtree				10/	21/2022 4:01:44PN
	Nor	nhalogenated	Organics	by EPA 80	15D - G	RO			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
Blank (2242070-BLK1)							Prepared: 1	0/14/22 Anal	lyzed: 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: 1	0/14/22 Ana	lyzed: 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: 1	0/14/22 Ana	lyzed: 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: 1	0/14/22 Ana	lyzed: 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			



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

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree				1	0/21/2022 4:01:44PM		
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2243017-BLK1)							Prepared: 1	0/17/22 Ar	nalyzed: 10/20/22		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	52.2		50.0		104	50-200					
LCS (2243017-BS1)							Prepared: 1	0/17/22 Ar	nalyzed: 10/20/22		
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132					
urrogate: n-Nonane	52.1		50.0		104	50-200					
Matrix Spike (2243017-MS1)				Source:	E210068-)9	Prepared: 1	0/17/22 Ar	alyzed: 10/20/22		
Diesel Range Organics (C10-C28)	349	25.0	250	245	41.3	38-132					
urrogate: n-Nonane	44.6		50.0		89.2	50-200					
Matrix Spike Dup (2243017-MSD1)				Source:	E210068-	09	Prepared: 1	0/17/22 Ar	nalyzed: 10/20/22		
Diesel Range Organics (C10-C28)	401	25.0	250	245	62.3	38-132	14.0	20			
Gurrogate: n-Nonane	46.3		50.0		92.6	50-200					



EOG Resources		Project Name:		cotillo ACI Fe	ed # 1				Reported:			
104 South 4th Street Artesia NM, 88210	Project Number: 19034-0016 Project Manager: Greg Crabtree							10/21/2022 4:01:44PM				
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: RAS			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2243007-BLK1)							Prepared:	10/17/22 A	analyzed: 10/17/22			
Chloride	ND	20.0										
LCS (2243007-BS1)							Prepared:	10/17/22 A	analyzed: 10/17/22			
Chloride	257	20.0	250		103	90-110						
Matrix Spike (2243007-MS1)				Source:	E210068-0)1	Prepared:	10/17/22 A	analyzed: 10/17/22			
Chloride	297	20.0	250	ND	119	80-120						
Matrix Spike Dup (2243007-MSD1)				Source:	E210068-0)1	Prepared:	10/17/22 A	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

ſ	EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
l	104 South 4th Street	Project Number:	19034-0016	Reported:
l	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.



Project In	formation					Chai	n of Custody														Page	 _ of _
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Project Ir	nformation					Chain	of Custody													Page 2	of _
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Envirotech Analytical Laboratory

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.

/4/22 08:54 20/22 17:00 (: //es //es //es //es //es //es //es //		Logged In By: Caitlin Comments/Resolute Comments/Resolute Project Ocotillo ACI Fed #1 has separated into 4 reports due to a volume. Workorders are as foll E210068/ E210069/ E210070/	tion us been sample ows:
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Date

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 reguarding 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

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Cell: 775-287-1762

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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	Donoutoda
104 South 4th Street	Project Number:	19034-0016	Reported:
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.



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

CS-269 E210069-01

		E210009-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilution	Frepareu	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
-Xylene	ND	0.0250	1	10/14/22	10/17/22	
o,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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: RAS		Batch: 2243008
Chloride	62.9	20.0	1	10/17/22	10/20/22	



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

CS-270

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		103 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2243008
Chloride	63.7	20.0	1	10/17/22	10/20/22	



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

CS-271

	D 1.	Reporting	D 31 - 3	ъ .		NT .
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		98.9 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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	
Surrogate: n-Nonane		106 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2243008
	•					



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

CS-272

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		88.1 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	

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

CS-273

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		108 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	-



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

CS-274

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	D 1:	Reporting		ъ .		NT .
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		107 %	50-200	10/17/22	10/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243008
·		·	·	·	10/21/22	·



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

CS-275

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
ND	0.0500	1	10/14/22	10/17/22	
ND	0.0250	1	10/14/22	10/17/22	
	103 %	70-130	10/14/22	10/17/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
ND	20.0	1	10/14/22	10/17/22	
	93.4 %	70-130	10/14/22	10/17/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2243016
411	50.0	2	10/17/22	10/21/22	
411	30.0	-	10/1//22	10/21/22	
465	100	2	10/17/22	10/21/22	
	100	50-200	10/17/22	10/21/22	Batch: 2243008
	mg/kg ND ND ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 Mg/kg mg/kg ND 20.0 93.4 %	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 93.4 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0500 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/14/22 93.4 % 70-130 10/14/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0500 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 ND 0.0250 1 10/14/22 10/17/22 mg/kg 70-130 10/14/22 10/17/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/14/22 10/17/22 93.4 % 70-130 10/14/22 10/17/22



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

CS-276

		D 4:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Frepared	Ananyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		103 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		99.0 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2243008



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		99.4 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/14/22	10/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		111 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	•



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		100 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



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

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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		105 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



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

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		D 4:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	Prepared	Anaiyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		104 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243008
Chloride	ND	20.0		10/17/22	10/21/22	



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		105 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	_



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

CS-282

		ъ .:				
Austra	D14	Reporting Limit	Dilution	D	A l	Nister
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		102 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2243008
7 HII OH S D Y 12 17 1 5 0 0 : 0 / 5 0 5 0 7 1						



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

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		109 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2243008
Chloride	64.1	20.0	1	10/17/22	10/21/22	



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		105 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243008
Chloride	56.7	20.0	1	10/17/22	10/21/22	

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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		101 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		91.2 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2243008
Chloride	ND	20.0	1	10/17/22	10/21/22	

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

CS-287

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2242071
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/22	10/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	10/14/22	10/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		102 %	50-200	10/17/22	10/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2243008
Chloride	73.1	20.0	1	10/17/22	10/21/22	



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

CS-288

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2242071
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
ND	0.0500	1	10/14/22	10/18/22	
ND	0.0250	1	10/14/22	10/18/22	
	104 %	70-130	10/14/22	10/18/22	
mg/kg	mg/kg	An	Analyst: IY		Batch: 2242071
ND	20.0	1	10/14/22	10/18/22	
	89.7 %	70-130	10/14/22	10/18/22	
mg/kg	mg/kg	An	alyst: JL		Batch: 2243016
ND	25.0	1	10/17/22	10/21/22	
ND	50.0	1	10/17/22	10/21/22	
	97.8 %	50-200	10/17/22	10/21/22	
mg/kg	mg/kg	An	alyst: RAS		Batch: 2243008
-	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO4 % mg/kg mg/kg mg/kg MD 20.0 89.7 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg An ND 20.0 1 89.7 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0500 1 10/14/22 ND 0.0250 1 10/14/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/14/22 89.7 % 70-130 10/14/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/17/22 ND 50.0 1 10/17/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Image: Control of the property of the proper



Ocotillo ACI Fed # 1 **EOG Resources** Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2242071-BLK1) Prepared: 10/14/22 Analyzed: 10/17/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 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 4.93 98.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.86 0.0250 5.00 97.1 70-130 5.00 0.0250 5.00 100 70-130 Toluene o-Xylene 4.97 0.0250 5.00 99.4 70-130 9.83 10.0 98.3 70-130 0.0500 p.m-Xvlene 98.6 70-130 14.8 15.0 Total Xylenes 0.0250 8.00 99.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.94 Source: E210069-03 Matrix Spike (2242071-MS1) Prepared: 10/14/22 Analyzed: 10/17/22 4.99 0.0250 5.00 ND 54-133 Benzene ND 98.3 61-133 Ethylbenzene 4.92 0.0250 5.00 Toluene 5.06 0.0250 5.00 ND 101 61-130 ND 100 63-131 5.01 5.00 0.0250 o-Xylene p,m-Xylene 9.94 0.0500 10.0 ND 99.4 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.97 8.00 Matrix Spike Dup (2242071-MSD1) Source: E210069-03 Prepared: 10/14/22 Analyzed: 10/17/22 5.09 0.0250 5.00 ND 102 54-133 2.06

ND

ND

ND

ND

ND

101

103

102

102

102

99.0

5.00

5.00

5.00

10.0

15.0

8.00

5.03

5.17

5.12

10.2

15.3

7.92

0.0250

0.0250

0.0250

0.0500

0.0250

61-133

61-130

63-131

63-131

63-131

70-130

2.21

2 10

2.13

2.20

2.18

20

20

20

20

20



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree				10/2	1/2022 4:18:52PM
	Non	halogenated		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
Blank (2242071-BLK1)							Prepared: 1	0/14/22 Analy	zed: 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: 1	0/14/22 Analy	zed: 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: 1	0/14/22 Analy	zed: 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: 1	0/14/22 Analy	zed: 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			

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

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree				1	0/21/2022 4:18:52P
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2243016-BLK1)							Prepared: 1	0/17/22 Ar	nalyzed: 10/20/22
riesel Range Organics (C10-C28)	ND	25.0							
til Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.9		50.0		97.9	50-200			
ACS (2243016-BS1)							Prepared: 1	0/17/22 Ar	nalyzed: 10/20/22
riesel Range Organics (C10-C28)	240	25.0	250		96.1	38-132			
urrogate: n-Nonane	50.3		50.0		101	50-200			
Aatrix Spike (2243016-MS1)				Source:	E210069-	18	Prepared: 1	0/17/22 Ar	nalyzed: 10/20/22
riesel Range Organics (C10-C28)	324	25.0	250	60.7	105	38-132			
urrogate: n-Nonane	50.2		50.0		100	50-200			
Matrix Spike Dup (2243016-MSD1)				Source:	E210069-	18	Prepared: 1	0/17/22 Ar	nalyzed: 10/20/22
tiesel Range Organics (C10-C28)	330	25.0	250	60.7	108	38-132	1.85	20	
urrogate: n-Nonane			50.0						



QC Summary Data

EOG Resources		Project Name:		ocotillo ACI Fe	ed # 1				Reported:
104 South 4th Street Artesia NM, 88210		Project Number: Project Manager		9034-0016 Greg Crabtree					10/21/2022 4:18:52PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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:	E210069-0)1	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:	E210069-0)1	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.



Project li	nformation					Chain o	f Custody													Page	<u></u> of <u>Σ</u>
	Same Manager:	eus p Greg Cra	g ÓC(Stillo AK Feed	CT.	Bill To Attention: Address:			WO#	ŧ ,	3	Job 190	Numl	-00	10		2D	TA 3D	Standard	EPA P CWA	SDW
Report o	te, Zip . Garcia B. Ha	ll G. Crab	Γ	night		City, State, Zip Phone: Email:		DRO,GRO,ORO by 8015	ВТЕХ by 8021	Chloride 300.0	VOC by 8260	Metals 6010	Full TCLP w/o H&P	Semi-Volitiles 8270	ethoc				NM CO	State UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	ı		Lab Number	DRO,0	ВТЕХ	Chlori	VOCE	Metal	Fell	Semi-	D.	PCB's				Remarks	1
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9:29	INIZIZZ	5	ı	C5-2:	१ ५		19	×	مو	×											
_	10/12/22	5	1	C5 - Z:			0	×	×	×											
	101/2/22 10/12/22	<i>\$</i>	1	C5-29			8	×		٧ y											
_	10/12/22	5	,	C5-27			10	×	ж	ע											
x date or time	e of collection is co	onsidered fra	ud and may	be grounds for	r legal action	. <u>Sampled by: Isaac Garcia</u>							•	-					eived on ice the day t °C on subsequent da		ed or rece
Tons	ed by: (Signatur		Date Date	13/22	Time /3: Z4 Time	Received by: (Signature) Received by: (Signature)	Date / Date	22	Time 15	:2	4	Rece	ived	on ic	e:	لا)	b Us / N	e Onl	У		
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time			T1 AVG	Tem	n°C	- 4	<u>T2</u>			<u>T3</u>		
	trix: S - Soil, Sd - So					her arrangements are made. Hazardous sa	Container				p - po	ly/pla	stic,	ag - a							

roject Ir	nformation					Chain	of Custody													Page	of
Client:	/ ECC	,				Bill To				La	ab Us	e On	ly					TA	T	EPA I	Progra
Project:	Jume a	5 04	· /000	nto ACI	Atte	ntion:		Lab	WO#			Job	Numl	er		1D	2D	3D	Standard		SD
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Report d		. Gr Grab	ti co i i i i i	THI THE	1 1			lo,	802	8	3260	010) ×	litile					X	 	+ ***
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	3RO,GR(BTEX by 8021	Chloride 300.0	VOC by 8260	Metals 6010	Full TCLP w/o H&P	Semi-Volitiles 8270	RCI	PCB's				Remark	s
9:44	10/12/22	5	1	C5-270		Miles.	11	<u>پر</u>	I .	x	_		-	<u>,, , , , , , , , , , , , , , , , , , ,</u>	<u>. </u>						
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late or time	of collection is co	nsidered fra	ud and may	oe grounds for lega	al action	Sampled by: Isaac Garcia													ived on ice the d		oled or r
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amnle Mat	rix: S - Soil, Sd - So	lid. Se - Slud	ge. A - Aque	ous. O - Other			Container	Type	: e - e	lass.	n - no	lv/pl	astic :	ae - ar	nhei	rølas	s v -	VOA			

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

Envirotech Analytical Laboratory

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.

	no response concerning these items within 24 hours of the		et, un the su	inpies will be unu	nyzea as requestea.	
Client:	EOG Resources	Date Received:	10/13/22 15	5:24	Work Order ID:	E210069
Phone:	(575) 748-4217	Date Logged In:	10/14/22 08	3:59	Logged In By:	Caitlin Christian
Email:		Due Date:	10/20/22 17	7:00 (5 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mat	ch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Is	saac Garcia	
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e. 15 minute hold time, are not included in this disucssic		Yes		Comment	s/Resolution
Sample T	Furn Around Time (TAT)			I		
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Ocotillo ACI Fe	d #1 has been
Sample C	· •				separated into 4 reports	due to sample
	sample cooler received?		Yes		volume. Workorders are	•
8. If yes,	was cooler received in good condition?		Yes		E210068/ E210069/ E2	
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		E210008/ E210009/ E2	10070/ E210071
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
•	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes			
13. If no	visible ice, record the temperature.	temperature: 4°C	2			
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC 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 n	on-VOC samples collected in the correct containers?)	Yes			
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum info	rmation:	3.7			
	ample ID? late/Time Collected?		Yes	l		
	ollectors name?		Yes No			
Sample I	Preservation_		110			
	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multiphase	se?	No			
	, does the COC specify which phase(s) is to be analy		NA			
	act Laboratory					
	amples required to get sent to a subcontract laborator	7/9	No			
	subcontract laboratory specified by the client and if	-		Subcontract Lab	· na	
	• • •	so wiie.	1171	Subcontract Lab	. na	
Client II	<u>istruction</u>					

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

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 reguarding 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

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Cell: 775-287-1762

whinchman@envirotech-inc.com

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Laboratory Administrator Office: 505-632-1881

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Alexa Michaels

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labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

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	Donoutoda
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	10/21/22 16:15

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.



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

CS-289 E210070-01

Analyta	Result	Reporting Limit		lution	Prepared	Analyzad	Notes
Analyte	Result	Limit	DI	lution	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		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

20.0

10/17/22

10/17/22

62.9



Chloride

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

CS-290

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

CS-291

		E210070-03					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2242072
Benzene	ND	0.0250	1	1	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	1	10/14/22	10/17/22	
Toluene	ND	0.0250	1	1	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	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: F	RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: J	L		Batch: 2243015
Diesel Range Organics (C10-C28)	108	25.0	1	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	213	50.0	1	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: F	RAS		Batch: 2243009
Chloride	53.1	20.0	1	1	10/17/22	10/17/22	



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

CS-292

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	S		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	A	Analyst: RK	S		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	I	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	A	Analyst: RA	AS		Batch: 2243009
imions by Eliteuoio/2000ii							



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

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E21		

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	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	Į.	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	Į.	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: 1	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	
	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2243009
Anions by EPA 300.0/9056A		88					



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

CS-294

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2242072
Benzene	ND	0.0250	1	l	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	l	10/14/22	10/17/22	
Toluene	ND	0.0250	1	l	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	l	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	l	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	l	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	Į.	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:	ЛL		Batch: 2243015
Diesel Range Organics (C10-C28)	62.9	25.0	1	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	90.2	50.0	1	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



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

CS-295

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

CS-296

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2242072
Benzene	ND	0.0250	1	l	10/14/22	10/17/22	
Ethylbenzene	ND	0.0250	1	l	10/14/22	10/17/22	
Toluene	ND	0.0250	1	l	10/14/22	10/17/22	
o-Xylene	ND	0.0250	1	1	10/14/22	10/17/22	
p,m-Xylene	ND	0.0500	1	1	10/14/22	10/17/22	
Total Xylenes	ND	0.0250	1	l	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	Į.	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	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



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

CS-297

E210070-09								
		Reporting						
Analyte	Result	Limit	Dilu	ıtion	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	į	1	10/14/22	10/17/22		
o-Xylene	ND	0.0250	į	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		



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

CS-298

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	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
Amons by EFA 300.0/9030A							



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

CS-299

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	Ī	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
Allons by EPA 500.0/9050A							



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

CS-300

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	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
7 HII OH S D Y 12 17 1 5 0 0 : 0 / 5 0 5 0 7 1							



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

CS-301

E210070-13								
		Reporting						
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2242072	
Benzene	ND	0.0250	1	1	10/14/22	10/18/22		
Ethylbenzene	ND	0.0250	1	l	10/14/22	10/18/22		
Toluene	ND	0.0250	1	l	10/14/22	10/18/22		
o-Xylene	ND	0.0250	1	l	10/14/22	10/18/22		
p,m-Xylene	ND	0.0500	1	l	10/14/22	10/18/22		
Total Xylenes	ND	0.0250	1	l	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: I	RKS		Batch: 2242072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: J	L		Batch: 2243015	
Diesel Range Organics (C10-C28)	45.2	25.0	1	1	10/17/22	10/21/22		
Oil Range Organics (C28-C36)	76.4	50.0	1	<u> </u>	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: I	RAS		Batch: 2243009	

20.0

10/17/22

10/18/22

479



Chloride

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

CS-302

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2242072
Benzene	ND	0.0250	1	l	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	l	10/14/22	10/18/22	
Toluene	ND	0.0250	1	l	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	l	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	l	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	l	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	<u> </u>	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	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	93.3	50.0	1	<u> </u>	10/17/22	10/21/22	
Surrogate: n-Nonane		103 %	50-200		10/17/22	10/21/22	
A L. EDA 200 0/005 (A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2243009
Anions by EPA 300.0/9056A							



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

CS-303

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2242072
Benzene	ND	0.0250	1	l	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	l	10/14/22	10/18/22	
Toluene	ND	0.0250	1	l	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	l	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	l	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	l	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: I	RKS		Batch: 2242072
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	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: J	IL		Batch: 2243015
Diesel Range Organics (C10-C28)	31.0	25.0	1	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	
	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2243009
Anions by EPA 300.0/9056A		0 0					



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

CS-304

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2242072
Benzene	ND	0.0250	1	l	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	l	10/14/22	10/18/22	
Toluene	ND	0.0250	1	l	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	l	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	l	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	l	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	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	l	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



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

CS-305

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	į	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



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

CS-306

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	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: R	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: J	L		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	
	mg/kg	mg/kg		Analyst: R	RAS		Batch: 2243009
Anions by EPA 300.0/9056A	mg/Kg						Buttern 22 15 0 0 7



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

CS-307

		E210070-19					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	



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

CS-308

		Reporting					
Analyte	Result	Limit	Di	lution	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	



Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Ocotillo ACI Fed # 1 **EOG Resources** Project Name: 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 Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2242072-BLK1) Prepared: 10/14/22 Analyzed: 10/17/22 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 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

LCS (2242072-BS1)					Pr	repared: 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	

0.500

99.2

106

100

70-130

70-130

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	
T-1	2.19	0.0250	2.50	ND	97.2	49 120	

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	

0.496

0.532

0.502

Matrix Spike Dup (2242072-MSD1)				Source:	E210070-	03	Prepared: 10	0/14/22 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		

0.500

0.500

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree10/21/2022 4:15:19PM

Artesia NM, 88210		Project Manager:		reg Crabtree				1	0/21/2022 4:15:19PM
	Non	ihalogenated (Organics l	by EPA 801	5D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2242072-BLK1)							Prepared: 1	0/14/22 An	alyzed: 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: 1	0/14/22 An	alyzed: 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: 1	E210070-0	03	Prepared: 10	0/14/22 An	alyzed: 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: 1	E210070-0	03	Prepared: 1	0/14/22 An	alyzed: 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			

0.500

0.500

0.559

0.497

112

99.3

70-130

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

Artesia NM, 88210		Project Manage	r: Gr	reg Crabtree					10/21/2022 4:15:19PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2243015-BLK1)							Prepared: 1	0/17/22 A	nalyzed: 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: 1	0/17/22 A	nalyzed: 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: 1	0/17/22 A	nalyzed: 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: 1	0/17/22 A	nalyzed: 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 Fe	ed # 1				Reported:
104 South 4th Street Artesia NM, 88210		Project Number: Project Manager		9034-0016 Greg Crabtree					10/21/2022 4:15:19PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2243009-BLK1)							Prepared:	10/17/22 A	analyzed: 10/17/22
Chloride	ND	20.0							
LCS (2243009-BS1)							Prepared:	10/17/22 A	analyzed: 10/17/22
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2243009-MS1)				Source:	E210070-	01	Prepared:	10/17/22 A	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 A	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	
١	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.



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Addition	al Instruction	ns:															
										Samp	les requiring thermal p	reservat	on must	be receiv	red on ice the day	hey are sampl	ed or received
					hat tampering with or Intentionally mislabelling Sampled by: 4		ation,			packe	ed in ice at an avg temp	above 0	but less	than 6 °C	on subsequent da	ys.	
	e of collection is co ed by: (Signatur		ud and may Date	be grounds for legal action. Time	Sampled by: (Signature)	Date		Time				1 2	b Use	Only			
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Printed: 10/14/2022 11:30:16AM

Envirotech Analytical Laboratory

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.

	EOG Resources	D . D . 1	10/10/201			7040070
Client:		Date Received:	10/13/22 1			E210070
Phone:		Date Logged In:	10/14/22 0		Logged In By:	Caitlin Christian
Email:		Due Date:	10/20/22	17:00 (5 day TAT)		
Chain of	Custody (COC)					
	the sample ID match the COC?		Yes			
	ne number of samples per sampling site location mater	th the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Is	saac Garcia	
	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	cumer. <u>n</u>	sauc Gareia	
	Il samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in				Comments/	Dosalution
	i.e, 15 minute hold time, are not included in this disucssion	1.		1	Comments	<u>Resolution</u>
	COC in disease and TAT on Franchis d TATS		37		Project Ocotillo ACI Fed	#1 has been
	COC indicate standard TAT, or Expedited TAT?		Yes		separated into 4 reports d	
Sample C			Voc		•	•
	ample cooler received? was cooler received in good condition?		Yes		volume. Workorders are a	
• /	· ·		Yes		E210068/ E210069/ E210	0070/ E210071
	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
•	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
	risible ice, record the temperature. Actual sample t	emperature: 4°C	<u> </u>			
Sample C			3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?					
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contained.	ora gollootod?	Yes Yes			
	· · ·	ers confected?	168			
Field Lab	ner field sample labels filled out with the minimum infor	mation:				
	ample ID?	mation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
	<u>reservation</u>					
	the COC or field labels indicate the samples were pre-	eserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
	se Sample Matrix					
	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	zed?	NA			
Subcontr	act Laboratory					
28. Are sa	imples required to get sent to a subcontract laborator;	y?	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	e: na	
Client In	astruction_					

Page 33 of 33

Date

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Donoutoda
104 South 4th Street	Project Number:	19034-0016	Reported:
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.



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

CS-309

E210071-0

	2210071 01					
	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2242073
ND	0.0250		1	10/14/22	10/18/22	
ND	0.0250		1	10/14/22	10/18/22	
ND	0.0250		1	10/14/22	10/18/22	
ND	0.0250		1	10/14/22	10/18/22	
ND	0.0500		1	10/14/22	10/18/22	
ND	0.0250		1	10/14/22	10/18/22	
	97.2 %	70-130		10/14/22	10/18/22	
	99.9 %	70-130		10/14/22	10/18/22	
	104 %	70-130		10/14/22	10/18/22	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2242073
ND	20.0		1	10/14/22	10/18/22	
	97.2 %	70-130		10/14/22	10/18/22	
	99.9 %	70-130		10/14/22	10/18/22	
	104 %	70-130		10/14/22	10/18/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2243014
78.3	25.0		1	10/17/22	10/21/22	_
91.8	50.0		1	10/17/22	10/21/22	
	107 %	50-200		10/17/22	10/21/22	
				DAG		D (1 2242010
mg/kg	mg/kg		Analyst:	RAS		Batch: 2243010
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 99.9 % 104 % mg/kg MD 20.0 97.2 % 99.9 % 104 % 104 % mg/kg mg/kg 78.3 25.0 91.8 50.0 107 %	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.2 % 70-130 99.9 % 70-130 104 % 70-130 mg/kg mg/kg ND 20.0 97.2 % 70-130 99.9 % 70-130 104 % 70-130 mg/kg mg/kg 78.3 25.0 91.8 50.0 107 % 50-200	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.2 % 70-130 99.9 % 70-130 104 % 70-130 mg/kg mg/kg Analyst: 104 % 70-130 1 mg/kg mg/kg Analyst: 104 % 70-130 1 mg/kg mg/kg Analyst: 1 78.3 25.0 1 107 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0500 1 10/14/22 ND 0.0250 1 10/14/22 ND 0.0250 1 10/14/22 ND 70-130 10/14/22 99.9 % 70-130 10/14/22 104 % 70-130 10/14/22 99.9 % 70-130 10/14/22 99.9 % 70-130 10/14/22 104 % 70-130 10/14/22 104 % 70-130 10/14/22 104 % 70-130 10/14/22 104 % 70-130 10/14/22 104 % 70-130 10/14/22 104 % 70-130 10/17/22 101 % 50.0 1 10/17/22 101 % 50.0	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 ND 0.0500 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 ND 0.0250 1 10/14/22 10/18/22 97.2 % 70-130 10/14/22 10/18/22 104 % 70-130 10/14/22 10/18/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/14/22 10/18/22 99.9 % 70-130 10/14/22 10/18/22 99.9 % 70-130 10/14/22 10/18/22 104 % 70-130 10/14/22 10/18/22 104 %



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

CS-310 E210071-02

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		7 Hary Zea	Batch: 2242073
Volatile Organic Compounds by EPA 8260B				Anaryst.	10/14/22	10/18/22	Batch: 2242073
Benzene	ND	0.0250		1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250		1			
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:	: Л		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	



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

CS-311 E210071-03

Reporting Analyte Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: RKS Batch: 2242073 Volatile Organic Compounds by EPA 8260B 10/14/22 10/18/22 ND 0.0250 Benzene 10/18/22 1 10/14/22 Ethylbenzene ND 0.025010/18/22 ND 0.0250 1 10/14/22 Toluene 1 10/14/22 10/18/22 ND o-Xylene 0.0250ND 1 10/14/22 10/18/22 0.0500 p,m-Xylene 10/14/22 10/18/22 1 Total Xylenes ND 0.025010/14/22 10/18/22 99.1 % Surrogate: Bromofluorobenzene 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 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2242073 ND 20.0 1 10/14/22 10/18/22 Gasoline Range Organics (C6-C10)

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	Ana	alyst: 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	

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

CS-312

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

CS-313

E210071-05							
		Reporting					
Analyte	Result	Limit	Dilı	ution	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

20.0

10/17/22

10/18/22

ND



Chloride

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

CS-314

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2242073
Benzene	ND	0.0250	1	1	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	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	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	1	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	59.8	50.0	1	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
Allons by EPA 500.0/9050A							



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

CS-315

ared Analyzed Notes
rred Analyzed Notes
Batch: 2242073
10/18/22
10/18/22
10/18/22
10/18/22
10/18/22
10/18/22
1/22 10/18/22
1/22 10/18/22
1/22 10/18/22
Batch: 2242073
Batch: 22420/3
1/22 10/18/22
10/18/22 10/18/22
1/22 10/18/22 1/22 10/18/22 1/22 10/18/22
10/18/22 10/18/22 10/18/22 10/18/22 10/18/22
1/22 10/18/22 1/22 10/18/22 1/22 10/18/22 1/22 10/18/22 Batch: 2243014
10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 Batch: 2243014
10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 Batch: 2243014 1/22 10/21/22 10/21/22
1/:



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

CS-316

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	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	l	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: l	RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: J	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: l	RAS		Batch: 2243010



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

CS-317

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	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:	Л		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	<u> </u>



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

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		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

CS-319

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2242073
Benzene	ND	0.0250	1	l	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	1	10/14/22	10/18/22	
Toluene	ND	0.0250	1	1	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	l	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	l	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	2	10/17/22	10/21/22	_
Oil Range Organics (C28-C36)	129	100	2	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



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

CS-320

		E210071-12				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepa	nred Analyze	ed Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	ي	Analyst: RKS		Batch: 2242073
Benzene	ND	0.0250	1	10/14	10/18/2	2
Ethylbenzene	ND	0.0250	1	10/14	10/18/2	2
Toluene	ND	0.0250	1	10/14	10/18/2	2
o-Xylene	ND	0.0250	1	10/14	10/18/2	2
p,m-Xylene	ND	0.0500	1	10/14	10/18/2	2
Total Xylenes	ND	0.0250	1	10/14	10/18/2	2
Surrogate: Bromofluorobenzene		98.3 %	70-130	10/14	1/22 10/18/2	2
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14	1/22 10/18/2	2
Surrogate: Toluene-d8		97.9 %	70-130	10/14	1/22 10/18/2	2
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	10/18/2	2
Surrogate: Bromofluorobenzene		98.3 %	70-130	10/14	1/22 10/18/2	2
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	10/14	1/22 10/18/2	2
Surrogate: Toluene-d8		97.9 %	70-130	10/14	1/22 10/18/2	2
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	7/22 10/21/2	2
Oil Range Organics (C28-C36)	70.7	50.0	1	10/17	7/22 10/21/2	2
Surrogate: n-Nonane		117 %	50-200	10/17	7/22 10/21/2	2
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2243010
Chloride	ND	20.0	1	10/17	7/22 10/18/2	2



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

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	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: I	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: J	IL		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: I	RAS		Batch: 2243010
Allions by EFA 500.0/9030A							



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

CS-322

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	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	Į.	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: l	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: J	JL		Batch: 2243014
Diesel Range Organics (C10-C28)	252	25.0	1	l	10/17/22	10/21/22	_
Oil Range Organics (C28-C36)	347	50.0	1	l	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: l	RAS		Batch: 2243010
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							



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

CS-323

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2242073
Benzene	ND	0.0250	1	l	10/14/22	10/18/22	
Ethylbenzene	ND	0.0250	1	l	10/14/22	10/18/22	
Toluene	ND	0.0250	1	l	10/14/22	10/18/22	
o-Xylene	ND	0.0250	1	1	10/14/22	10/18/22	
p,m-Xylene	ND	0.0500	1	1	10/14/22	10/18/22	
Total Xylenes	ND	0.0250	1	l	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: 1	RKS		Batch: 2242073
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: .	ıl		Batch: 2243014
Diesel Range Organics (C10-C28)	159	125	5	5	10/17/22	10/21/22	
Oil Range Organics (C28-C36)	ND	250	5	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: 1	RAS		Batch: 2243010
11110119 8 7 22112 0 0 1 0 7 7 0 2 0 1 2							



EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree10/21/20225:24:01PM

Artesia NM, 88210		Project Manager	r: Gı	eg Crabtree				10	0/21/2022 5:24:01PN
	Vo	olatile Organi	ic Compo	unds by EP	A 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2242073-BLK1)							Prepared: 1	0/14/22 An	alyzed: 10/18/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,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: 1	0/14/22 An	alyzed: 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			
o,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: 1	0/14/22 An	alyzed: 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	
o,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			



 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
Tionimiogenuceu	organics by	Elitooleb Gito

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

Blank (2242073-BLK1)						Prepared: 10)/14/22 An	alyzed: 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 An	alyzed: 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 An	alyzed: 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			



EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree10/21/20225:24:01PM

Artesia NM, 88210		Project Manager	r: Gr	eg Crabtree				10	0/21/2022 5:24:01Pf
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2243014-BLK1)							Prepared: 1	0/17/22 An	alyzed: 10/21/22
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.9		50.0		112	50-200			
.CS (2243014-BS1)							Prepared: 1	0/17/22 An	alyzed: 10/21/22
riesel Range Organics (C10-C28)	242	25.0	250		96.8	38-132			
urrogate: n-Nonane	55.4		50.0		111	50-200			
Matrix Spike (2243014-MS1)				Source:	E210071-	03	Prepared: 1	0/17/22 An	alyzed: 10/21/22
riesel Range Organics (C10-C28)	305	25.0	250	113	76.8	38-132			
urrogate: n-Nonane	46.6		50.0		93.2	50-200			
Matrix Spike Dup (2243014-MSD1)				Source:	E210071-	03	Prepared: 1	0/17/22 An	alyzed: 10/21/22
tiesel Range Organics (C10-C28)	300	25.0	250	113	74.7	38-132	1.73	20	
urrogate: n-Nonane	54.0		50.0		108	50-200			

EOG Resources 104 South 4th Street		Project Name:		cotillo ACI Fe 9034-0016	ed # 1				Re	eported:
Artesia NM, 88210		Project Number: Project Manager:		reg Crabtree					10/21/202	22 5:24:01PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analy	st: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
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:	E210071-0)1	Prepared:	10/17/22	Analyzed:	: 10/18/22
Chloride	257	20.0	250	ND	103	80-120				
Matrix Spike Dup (2243010-MSD1)				Source:	E210071-0)1	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

ſ	EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
١	104 South 4th Street	Project Number:	19034-0016	Reported:
١	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.



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Client		<u> </u>				Bill To				Lah	Use O	nly				TA	т	FDΔ P	rogram
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	<u>Manager: Gre</u>			+60 \$	Ad	dress:		Ë 2	wo# 210 (771	19	034-	014	>			X		
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City, Stat	te, Zip					one:		230		5.	ı							<u> </u>	<u> </u>
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Email: Al	l Enviro							ORO	<u>x</u>	Š							NA CO	117 47	
Report d	ue hw							GRO, ARO,	3TE,	3							X	UT AZ	 '^
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date or time	of collection is co	nsidered fra	ud and may	be grounds fo	r legal action.	Sampled by: 2-6a	یہ ت		····		ľ		•						
	ed by: (Signature	≘)	Date		Time	Received by (Signature)	Date	m	Time	1011					Lab Us	e Onl	у		-
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Project Information

Chain of Custody

Page	8	of	8
6-		· • · -	

Received by OCD: 9/13/2023 11:30:28 AM

Client:	1 50	G			. 1 1	Bill To		П		La	b U	se On	ılv					TA	T	EPA	Program
Project:	Zunic	as j	79 10	Cohillo Fed 1	ACT /	Attention:		Lab	WO			Job	Num	ber		1D	2D	3D	Standard	CWA	SDWA
Project N	/lanager:			Fed a	\$1 <u> </u>	Address:		E2	210	07	1	190	134	1-0C	10				X		
Address:					2	City, State, Zip		1				Analy	/sis a	nd M	ethod						RCRA
City, Stat	e, Zip				<u> </u>	Phone:		1													X
Phone:					<u> </u>	Email:		155	55				1			ļ				State	
Email:								×	8	12	۾ ا		0.0			- 1				D UT A	Z TX
Report d	ue by:							Ĭ	Į	y 8021	, 8260	6010	e 30			- 1			X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех Бу	YOC by	Metals	Chloride 300.0							Remark	S
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Addition	al Instruction	ns:												<u></u>				I	.		
	ler), attest to the of collection is co					that tampering with or intentionally mislabelling	ng the sample lo	cation	•	-									ived on ice the da		oled or received
Relinquish	ed by: (Signature	e)	Date		Time 15:24	Regeived by Gignature	Date, 10/13 /	22	Time	::Z	4	Rece	ived	on i	٠,	Lal (V)		e Onl	y		
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	ix: S - Soil, Sd - So						Container	Туре	: g - g	lass,	p - p	oly/pla	astic,	ag - a	mber	glass	s, v -	VOA			
Note: Sam	les are discarde	ed 30 days a	after result	s are reporte	d unless other	er arrangements are made. Hazardous sa	amples will be	returi	ned to	client	or d	ispose	d of a	t the c	lient e	xpens	se. T	he rep	ort for the an	lysis of the	above
samples is	applicable only	to those sai	mples recei	ved by the la	boratory wit	h this COC. The liability of the laboratory	is limited to tl	he amo	ount p	aid fo	r on t	he rep	ort.								J



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

Envirotech Analytical Laboratory

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.

GII .	EOG Pasquiras	Dete Deseived	10/12/22 1	5.24	WIGHT	2010071
Client:		Date Received:	10/13/22 1			E210071
Phone:		Date Logged In:	10/14/22 0		Logged In By:	Caitlin Christian
Email:		Due Date:	10/20/22	17:00 (5 day TAT)		
Chain of	Custody (COC)					
	the sample ID match the COC?		Yes			
	ne number of samples per sampling site location mater	th the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Is	saac Garcia	
4. Was the	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	cumer. <u>n</u>	Sure Gureia	
	Il samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in				Comments/1	Dosalution
	i.e, 15 minute hold time, are not included in this disucssion	1.			<u>Comments/1</u>	<u> </u>
	COC in disease and TAT on Franchis d TATS		37		Project Ocotillo ACI Fed	#1 has been
	COC indicate standard TAT, or Expedited TAT?		Yes		separated into 4 reports d	
Sample C			Voc			•
	ample cooler received? was cooler received in good condition?		Yes		volume. Workorders are a	
• /	· ·		Yes		E210068/ E210069/ E210	0070/ E210071
	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
	risible ice, record the temperature. Actual sample t	emperature: 4°C	<u> </u>			
Sample C			3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?					
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contained.	ora gollootod?	Yes Yes			
	· · ·	ers confected?	168			
Field Lab	ner field sample labels filled out with the minimum infor	mation:				
	ample ID?	mation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
	<u>reservation</u>					
	the COC or field labels indicate the samples were pre-	eserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
	se Sample Matrix					
	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	zed?	NA			
Subcontr	act Laboratory					
28. Are sa	imples required to get sent to a subcontract laborator;	y?	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: na	
Client In	astruction_					
					<u> </u>	

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

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 reguarding 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

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labadmin@envirotech-inc.com

Field Offices:

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Technical Representative/Client Services

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ljarboe@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	Domonto do
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/20/22 13:51

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.



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

249C

E211090-01

	1.211070 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247056
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0500	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
	106 %	70-130	11/17/22	11/17/22	
mg/kg	mg/kg	Analy	st: RKS		Batch: 2247056
ND	20.0	1	11/17/22	11/17/22	
	92.7 %	70-130	11/17/22	11/17/22	
mg/kg	mg/kg	Analy	st: RAS		Batch: 2247089
57.8	25.0	1	11/17/22	11/18/22	
ND	50.0	1	11/17/22	11/18/22	
	104 %	50-200	11/17/22	11/18/22	
mg/kg	mg/kg	Analy	/st: KL		Batch: 2247067
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 20.0250 mg/kg mg/kg MD 20.0 92.7 % mg/kg mg/kg mg/kg 57.8 25.0 ND 50.0 104 %	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy 57.8 25.0 1 ND 50.0 1 104 % 50-200	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0500 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 mg/kg mg/kg Analyst: RAS 57.8 25.0 1 11/17/22 ND 50.0 1 11/17/22	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0500 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 MD 0.0250 1 11/17/22 11/17/22 Mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 11/17/22 mg/kg mg/kg Analyst: RAS 57.8 25.0 1 11/17/22 11/18/22 ND 50.0 1 11/17/22 11/18/22 ND 50.0 1 11/17/22 11/18/22



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

250C

	Penartina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2247056
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0500	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
	106 %	70-130	11/17/22	11/17/22	
mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2247056
ND	20.0	1	11/17/22	11/17/22	
	94.8 %	70-130	11/17/22	11/17/22	
mg/kg	mg/kg Analyst: RAS			Batch: 2247089	
158	25.0	1	11/17/22	11/18/22	
145	50.0	1	11/17/22	11/18/22	
	108 %	50-200	11/17/22	11/18/22	
mg/kg	mg/kg	Anal	lyst: KL		Batch: 2247067
	mg/kg ND ND ND ND ND ND ND ND ND ND 158	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 94.8 % mg/kg mg/kg mg/kg 158 25.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 94.8 % 70-130 mg/kg mg/kg Ana 158 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0500 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 mg/kg mg/kg Analyst: RAS 158 25.0 1 11/17/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0500 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 11/17/22 mg/kg mg/kg Analyst: RKS mg/kg mg/kg Analyst: RAS 158 25.0 1 11/17/22 11/18/22



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

251C

	Danartina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247056
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
ND	0.0500	1	11/17/22	11/17/22	
ND	0.0250	1	11/17/22	11/17/22	
	106 %	70-130	11/17/22	11/17/22	
mg/kg	mg/kg	Analy	Analyst: RKS		Batch: 2247056
ND	20.0	1	11/17/22	11/17/22	
	94.6 %	70-130	11/17/22	11/17/22	
mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247089
66.8	25.0	1	11/17/22	11/18/22	
57.1	50.0	1	11/17/22	11/18/22	
	102 %	50-200	11/17/22	11/18/22	
mg/kg	mg/kg	Analy	yst: KL		Batch: 2247067
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MD 20.0 94.6 % mg/kg mg/kg mg/kg 66.8 25.0 57.1 50.0	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 mg/kg mg/kg Analy Mg/kg mg/kg Analy mg/kg mg/kg Analy 66.8 25.0 1 57.1 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0500 1 11/17/22 ND 0.0250 1 11/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 mg/kg mg/kg Analyst: RAS 66.8 25.0 1 11/17/22 57.1 50.0 1 11/17/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0500 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 ND 0.0250 1 11/17/22 11/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 11/17/22 mg/kg mg/kg Analyst: RKS MD 20.0 1 11/17/22 11/17/22 mg/kg mg/kg Analyst: RAS 66.8 25.0 1 11/17/22 11/18/22 57.1 50.0 1 11/17/22 11/18/22



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

252C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	Analy	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		93.0 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		110 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A		mg/kg	Analy	st: KL		Batch: 2247067



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

253C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	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		94.8 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	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	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		111 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247067



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

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	·	Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	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		95.0 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		108 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2247067
Chloride	ND	20.0	1	11/17/22	11/17/22	



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	ated 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		95.9 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		101 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247067
	ND	20.0	-	11/17/22	11/17/22	



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

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		D .:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: RKS	111111,1200	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		104 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	alogenated 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	Analy	st: 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	
Surrogate: n-Nonane		115 %	50-200	11/17/22	11/19/22	
1 I ID 1 200 0/00 FC 1	mg/kg	mg/kg	Analy	st: KL		Batch: 2247067
Anions by EPA 300.0/9056A	₆ ₆	88				



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
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Notes Batch: 2247056
Batch: 2247056
Batch: 2247056
Batch: 2247089
Batch: 2247067
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EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/20/2022 1:51:59PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		110 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247067
Chloride	56.5	20.0	1	11/17/22	11/17/22	•



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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		103 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	onhalogenated 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		95.6 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		114 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2247067



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO		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		95.5 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247067



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247067
-	28.9	20.0		11/17/22	11/18/22	<u> </u>



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

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		113 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247067
· · · · · · · · · · · · · · · · · · ·	36.2	20.0	-	11/17/22	11/18/22	



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

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		D 4:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		120 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247067
				11/17/22	11/18/22	



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

267C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		115 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247067
Amons by EPA 500.0/9050A						



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

268C

		D .:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2247067
Amons by EFA 500.0/9030A						



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

269C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		112 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247067
Amons by E171500:0/7030/1						



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

271C

	D .:				
Result			n Prenared	Analyzed	Notes
			1	7 mary 200	
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2247056
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0500	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
	99.9 %	70-130	11/17/22	11/18/22	
mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2247056
ND	20.0	1	11/17/22	11/18/22	
	96.1 %	70-130	11/17/22	11/18/22	
mg/kg	mg/kg	Ana	Analyst: RAS		Batch: 2247089
159	25.0	1	11/17/22	11/19/22	
163	50.0	1	11/17/22	11/19/22	
	116 %	50-200	11/17/22	11/19/22	
mg/kg	116 % mg/kg		<i>11/17/22</i> alyst: KL	11/19/22	Batch: 2247067
_	ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MD 20.0 96.1 % mg/kg mg/kg mg/kg 159 25.0	mg/kg mg/kg Analysis ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 99.9 % 70-130 mg/kg mg/kg Analysis ND 20.0 1 96.1 % 70-130 1 mg/kg mg/kg Analysis mg/kg 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0500 1 11/17/22 ND 0.0250 1 11/17/22 ND 0.0250 1 11/17/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 mg/kg mg/kg Analyst: RAS 159 25.0 1 11/17/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 11/17/22 11/18/22 ND 0.0250 1 11/17/22 11/18/22 ND 0.0250 1 11/17/22 11/18/22 ND 0.0500 1 11/17/22 11/18/22 ND 0.0250 1 11/17/22 11/18/22 ND 0.0250 1 11/17/22 11/18/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 11/17/22 11/18/22 mg/kg mg/kg Analyst: RAS 159 25.0 1 11/17/22 11/19/22



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

Artesia NM, 88210		Project Manager:		eg Crabtree				11	/20/2022 1:51:59PM		
Volatile Organics by EPA 8021B Analyst: RKS											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2247056-BLK1)							Prepared: 1	1/17/22 Ana	alyzed: 11/17/22		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
o,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: 1	1/17/22 Ana	lyzed: 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					
o,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: 1	1/17/22 Ana	lyzed: 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			
o,m-Xylene	10.5	0.0500	10.0		105	70-130	1.43	20			
	15.8	0.0250	15.0		105	70-130	1.41	20			
Total Xylenes	15.6	0.0230	15.0		105	70 150		20			



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

Artesia NM, 88210		Project Manager:		eg Crabtree				11/2	0/2022 1:51:59PM		
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2247056-BLK1)							Prepared: 1	1/17/22 Analy	yzed: 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: 1	1/17/22 Analy	zed: 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: 1	1/17/22 Analy	zed: 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					

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street Artesia NM, 88210	Project Number:	19034-0016	11/20/2022 1:51:59PM
Artesia Nivi, 88210	Project Manager:	Greg Crabtree	11/20/2022 1.31.39FWI

Artesia NM, 88210		Project Manager	r: Gr	eg Crabtree					11/20/2022 1:51:59PN			
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: RAS												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2247089-BLK1)							Prepared: 1	1/17/22 Aı	nalyzed: 11/18/22			
riesel Range Organics (C10-C28)	ND	25.0										
ril Range Organics (C28-C36)	ND	50.0										
urrogate: n-Nonane	53.2		50.0		106	50-200						
.CS (2247089-BS1)							Prepared: 1	1/17/22 Aı	nalyzed: 11/18/22			
riesel Range Organics (C10-C28)	247	25.0	250		98.7	38-132						
urrogate: n-Nonane	54.5		50.0		109	50-200						
Matrix Spike (2247089-MS1)				Source:	E211090-1	10	Prepared: 1	1/17/22 Aı	nalyzed: 11/18/22			
riesel Range Organics (C10-C28)	265	25.0	250	53.0	85.0	38-132						
urrogate: n-Nonane	53.3		50.0		107	50-200						
Matrix Spike Dup (2247089-MSD1)				Source:	E211090-1	10	Prepared: 1	1/17/22 Aı	nalyzed: 11/18/22			
tiesel Range Organics (C10-C28)	312	25.0	250	53.0	103	38-132	16.0	20				
urrogate: n-Nonane	54.6		50.0		109	50-200						



EOG Resources		Project Name:		ocotillo ACI Fe	ed # 1				Reported:	
104 South 4th Street Artesia NM, 88210	104 South 4th Street Project Number: 19034-0016 Artesia NM, 88210 Project Manager: Greg Crabtree								11/20/2022 1:51:59PM	
		Analyst: KL								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2247067-BLK1)							Prepared:	11/17/22 A	nalyzed: 11/17/22	
Chloride	ND	20.0								
LCS (2247067-BS1)							Prepared:	11/17/22 A	nalyzed: 11/17/22	
Chloride	267	20.0	250		107	90-110				
Matrix Spike (2247067-MS1)				Source:	E211090-0	1	Prepared:	pared: 11/17/22 Analyzed: 11/17/22		
Chloride	280	20.0	250	ND	112	80-120				
Matrix Spike Dup (2247067-MSD1)				Source:	E211090-0	1	Prepared:	11/17/22 A	nalyzed: 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.



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Page 205 of 505

Client: EC	OG			:	Bill	То		Page 1	. La	b Use Or	niy 🦠	\$5.50		TA	T	EPA P	rogram
Project: C	Ocotillo ACI F	ed #1	_		Attention: Address:	<u>.</u> .		Lab	wo# ?//09/	dol	Numbe		1D 2D		Standard	CWA	SDWA
<u>Project iv</u> Address:	<u>lanager:</u> Gre	g Crabtre	е		City, State, Zip			EC	311090	Anal	.9034-0 ysis and		<u>حا</u> ا		_		RCRA
City, State					Phone:										(S), 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,		х
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Report du	ue by:			<u>_</u> <u>]:</u>	:***		Lab	يرا							×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Number	BDGOC								Remarks	
8:04	11/16/22	S	1	249C			1	х									
8:09	11/16/22	S	1	250C			2	х									
8:13	11/16/22	S	1	25 3 C			3	x									
8:17	11/16/22	S	1	252C			4	х									
S	11/16/22	S	1	253C			5	х									
8:24	11/16/22	S	1	254C			6	х									
8:28	11/16/22	S	1	255C			7	х									
8:33	11/16/22	S	1	256C			8	х									
8:37	11/16/22	s	1	257C	· · · · · · · · · · · · · · · · · · ·		9	х							-		
8:42		S	1	258C			10	х									
	al Instruction	ıs:		0.00					<u> </u>		<u></u>	1					
I (field samp	lar) attest to the	validity and	authanticity	of this sample. I am	ware that tampering with or intention	nally mislahelling t	he sample lor	ration		Sample	es requiring	thermal pr	eservation m	ust be rece	eived on ice the day t	hey are sampl	led or receive
	••	•	•	be grounds for legal a	· -	Austin Foutz 3 F	•			packed	l in ice at an	avg temp	above 0 but l	ess than 6	°C on subsequent da	ys.	
n	ed by: (Signature	- 1	Date		Received by: (Signature		Date /		Time 8:13	Rece	eived or	ice:	Lab U	se Onl	У		
	ed by: (Signature		Date		Received by: (Signature	e)	Date		Time			30.74					
Relinquishe	ed by: (Signature	2)	Date	Time	Received by: (Signature	e)	Date		Time	<u>T1</u>			<u>T2</u>	· •	. 13 '		
							Container				Temp ^c		<u></u>				$\mu_{ij} = \mu_{ij}$

Released to Imaging: 3/15/2024 3:07:51 PM

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Client: EC	OG						Bill To			Lab	Use O	nly				TAT		EPA P	rogram
	Ocotillo ACI F					Attention:		17	Lab	WO#		Numb		1D :		3D S	tandard	CWA	SDWA
Project N	<u> Manager:</u> Gre	g Crabtre	е			Address:			E	211090		19034	-0016		X		X		
Address:						City, State, Zip		-			Ana	lysis an	d Metho	d		-			RCRA
City, Stat	e, Zip					Phone:													х
Phone:						Email:								H				State	
Email: Al	Enviro								-								NM CO	UT AZ	TX
Report d	ue by:						The second secon	1 - 2 - 2	U								×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	врбос									Remarks	
8:45	11/16/22	S	1	259	IC			11	х										
8:48	11/16/22	S	1	260	C			12	х										
8:53	11/16/22	S	1	263	C			13	х										
8:57	41/16/22	S	1	2640	2			14	х										
8:59	11/16/22	S	1	2650	$\hat{\mathcal{L}}$			15	х										
9:00	11/11/22	S	1	2660	C			16	х										
9:02	(1/16/2	S	1	267	C			17	х										
9:05	11/16/22	S	1	2680	$\hat{\mathcal{L}}$			18	х										
d:10	11/16/22	S	1	269	C			19	х										
9:16	11116/27	S	1	2710	2			20	х										
Addition	al Instruction	is:						-		<u> </u>					•				
I, (field samp	oler), attest to the	validity and	authenticity	of this sample.	I am awar	e that tampering with or	intentionally mislabellin	g the sample lo	cation	,							on ice the day t		ed or received
date or time	of collection is co	nsidered fra					pled by: Austin Foutz												
	ed by: (Signatur	Fart	9 Date	ANCE	me 21:1	Received by: (S	Inte	Date /	22	8:13	Rec	eived	on ice:	(Y		Only			
	ed by: (Signature	e)	Date		me	Received by: (S	ignature)	Date		Time	T1			T2			T3		
Relinquish	ed by: (Signatur	e)	Date	ті	me	Received by: (S	ignature)	Date		Time		3 Temi	°c_4						
Sample Mat	rix: S - Soil, Sd - So	olid. Sg - Slud	ge. A - Aque	ous, O - Other				Container	Type	e: g - glass, p -	polv/n	lastic.	g - amb	er glass	, v - V	OA			
					unless of	ther arrangements are	made. Hazardous sa										or the analys	is of the ab	oove
							ility of the laboratory									e recento Moterna Alfons	entar a comprehension (1995)		

Envirotech Analytical Laboratory

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.

ed: 11/17/22 08	3:13	Work Order ID:	E211090
In: 11/17/22 08	3:24	Logged In By:	Caitlin Christian
11/21/22 1	7:00 (2 day TAT)		
Yes			
Yes			
	Carrier: A	ustin Foutz	
? Yes	currer.	abili i vatz	
Yes			
	,	Commen	ts/Resolution
		Project has been senere	tad into 2 rangets
Yes		•	•
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Yes		follows:E211090/E211	092/E211093.
Yes			
Yes			
No			
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Yes			
: <u>4°C</u>			
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No			
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	Subcontract Lab	: na	
1421			
	Yes Yes Yes Yes Yes Yes Yes Yes Yes No NA Yes 15 A*C No NA NA NA NA NA NA NA NA NA NA NA NA NA	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes

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 reguarding 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

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Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Donoutoda
104 South 4th Street	Project Number:	19034-0016	Reported:
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.



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

272C E211092-01

		E211092-01					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilu	ition	Trepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247057
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	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	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	5	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	276	250	5	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	1	11/17/22	11/18/22	



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

273C

E211	

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	I	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	A	Analyst: RA	S		Batch: 2247090
Diesel Range Organics (C10-C28)	315	125	5		11/17/22	11/19/22	
Oil Range Organics (C28-C36)	356	250	5	i	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	A	Analyst: RA	S		Batch: 2247068
11110113 by E111 500:0/703011							

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

274C

E211092-03

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: Г	Y		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	1	Analyst: I	Y		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	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	1	Analyst: F	RAS		Batch: 2247068



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

275C

E211092-04

		Reporting					
Analyte	Result	Limit	Di	lution	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		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
	ND	20.0		1	11/17/22	11/18/22	

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

276C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	yst: 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	Analy	yst: 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	Analy	yst: 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	Analy	yst: RAS		Batch: 2247068
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						



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

277C

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

280C

		Reporting					
Analyte	Result	Limit	Di	lution	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
	ND	20.0		1	11/17/22	11/18/22	

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

281C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	/st: 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	Analy	/st: 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	Analy	st: 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	Analy	st: RAS		Batch: 2247068



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

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		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

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		Reporting					
Analyte	Result	Limit	Di	lution	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	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	I	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	I	Analyst: RAS	S		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	A	Analyst: RAS	S		Batch: 2247068



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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		E211092-12					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247057
Benzene	ND	0.0250	1	1	11/17/22	11/19/22	
Ethylbenzene	ND	0.0250	į	1	11/17/22	11/19/22	
Toluene	ND	0.0250	į	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	



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

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: RAS		Batch: 2247068
Amons by EFA 500.0/9030A						



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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		Reporting					
Analyte	Result	Limit	Di	lution	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	



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Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	
A: L EDA 200 0/0056 A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2247068
Anions by EPA 300.0/9056A	<u> </u>					

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: l	ΙΥ		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	1	Analyst: l	ΙΥ		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	1	Analyst: l	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	1	Analyst: l	RAS		Batch: 2247068



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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		E211092-17					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	



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Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 3:24:10PM

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092-1	

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

296C

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

298C

		Reporting					
Analyte	Result	Limit	Di	lution	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	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street	Project Number:	19034-0016	11/21/2022 3:24:10PM
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 5:24:10FM

Artesia NM, 88210		Project Manager	r: Gr	eg Crabtree				11/	21/2022 3:24:10PN	
Volatile Organic Compounds by EPA 8260B Analyst: IY										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2247057-BLK1)							Prepared: 11	1/17/22 Ana	lyzed: 11/18/22	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
o,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	1/17/22 Ana	lyzed: 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				
o,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	1/17/22 Ana	lyzed: 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		
Foluene	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		
o,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		
Gurrogate: Bromofluorobenzene	0.510		0.500		102	70-130				



70-130

Surrogate: Toluene-d8

0.492

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

Blank (2247057-BLK1)						Prepared: 11	/17/22 Ana	lyzed: 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 Ana	lyzed: 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 Ana	lyzed: 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			



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

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree				1	1/21/2022 3:24:10PI
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247090-BLK1)							Prepared: 1	1/17/22 An	alyzed: 11/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	50-200			
LCS (2247090-BS1)							Prepared: 1	1/17/22 An	alyzed: 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:	E211092-0	06	Prepared: 1	1/17/22 An	alyzed: 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:	E211092-0	06	Prepared: 1	1/17/22 An	alyzed: 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			



EOG Resources		Project Name:		cotillo ACI F	ed # 1				Reported:	
104 South 4th Street Artesia NM, 88210		Project Number: Project Manager		9034-0016 reg Crabtree				11/21/2022 3:24:10PM		
		Anions	by EPA 3	300.0/9056	4				Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2247068-BLK1)							Prepared: 1	1/17/22 A	nalyzed: 11/17/22	
Chloride	ND	20.0								
LCS (2247068-BS1)							Prepared: 1	1/17/22 A	nalyzed: 11/17/22	
Chloride	263	20.0	250		105	90-110				
Matrix Spike (2247068-MS1)				Source:	E211092-0)1	Prepared: 1	1/17/22 A	nalyzed: 11/17/22	
Chloride	287	20.0	250	ND	115	80-120				
Matrix Spike Dup (2247068-MSD1)				Source:	E211092-0)1	Prepared: 1	1/17/22 A	nalyzed: 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.



Re
ceived
by
OCD:
9/13,
/2023
11:30:28
AM

Client: EOG					Bill To			Lab l	Jse Only				TAT		EPA P	rograr
Project: Ocotillo ACI Fed #				Attention: Address:			Lab	wo# 211092	Job Numb		1D		3D St	andard	CWA	SDV
<u>Project Manager:</u> Greg Cr Address:	abtree			City, State, Zip			E c	-11012	19034 Analysis an		<u>l</u> d	X		*		RCI
City, State, Zip				Phone:												>
Phone:				Email:											State I I	
mail: All Enviro														им со	UT AZ	TX
Report due by:						T	U							×		
Time Date Sampled Mi	atrix	No. of Containers	Sample ID			Lab Number	BDGOC								Remarks	
9:21 11/16/22	S	1	272C			1	х									
9:25 11/16/20	S	1	273C			2	х									
9:29 11/18/22	S	1	274C			3	х									
9:33 11/16/22	S	1	275C			4	х									
	S	1	276C			5	х									
17177	S	1	277C			6	х									
	S	1	280C			7	х									
2.25	S	1	281C			8	х									
10:01 11/10:01	S	1	2820			9	х									
10,02 111(10)	S	1	285C			10	х									
Additional Instructions:											ш					
, (field sampler), attest to the valid	dity and au	uthenticity	of this sample. I am av	are that tampering with or in	tentionally mislabelling	the sample loc	ation,		Samples requiri							ed or re
date or time of collection is conside	ered fraud	and may	be grounds for legal act	ion. <u>Sample</u>	ed by: Austin Foutz				poened in lee of	un uvg temp			CONTORCE CONTRACTO	subsequent da	73.	
Relinquished by: (Signature)	\$	Date	16/22 ZI:	5 Received by Aster	Clate	Date //7/	22	8:13	Received	on ice:	The second second	b Use // N	Only			
Relinquished by: (Signature)		Date	Time	Received by: (Sign	nature)	Date		Time	т1					T-3		
Relinquished by: (Signature)		Date	Time	Received by: (Sign	nature)	Date		Time	T1 AVG Temp		<u>T2</u>			<u>T3</u>		

Released to Imaging: 3/15/2024 3:07:51 PM

\sim
ceived
by:
OCD:
9/13,
/2023
11:30:28
AM

Page 239 of 505

Client: EC	OG					Bi		1000	La	ab Us	Use Only					TAT		rogram		
	Ocotillo ACI F					Attention:			Lab	wo# 211092			lumbe		1D :	2D	3D 5	Standard	CWA	SDWA
-	<u> 1anager:</u> Gre	g Crabtre	e			Address:			E2	11092			9034-0			$\langle \cdot \rangle$		*		
Address:						City, State, Zip						Analy	sis and	Method	<u>, t</u>					RCRA
City, Stat	e, Zip					Phone:														х
Phone:						Email:													State	
Email: All	Enviro																	NM CO	UT AZ	TX
Report di	ue by:																	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	врбос										Remarks	
10:11	[11][]	S	1	2860				11	х											
10:17		S	1	2870	<u>_</u>			12	х											
10:24		S	1	2900	۱ ا			13	х											
10:28		S	1	2910				14	х											
10:33		S	1	2920	٠ -			15	х											
10:37		S	1	2930	۱ ا			10	х											
10:43		S	1	2940	_			17	х											
10:47		S	1	295(<u> </u>			18	х											
10:51	V	S	1	2960	, ,			19	х											
10:56	V	S	1	2980				20	х											
	al Instruction	ıs:																		
100000	oler), attest to the	- M				e that tampering with or intenti	ionally mislabelling t	he sample loo	cation,			100						ed on ice the day t on subsequent da	1724	led or received
Relinguishe	ed by: (Signatur	e)	Date	Tin		Received by: (Signatu		Date / 11/17/6	27	Time 7:13	ζ	Pacai	ved o	a lees	Lak		e Only			
	ed by: (Signatur		Date	Tin		Received by: (Signatu		Date	,,	Time	_		veu o	rice.	0	IN		T2		
Relinquished by: (Signature) Date Time Received by: (Signature)					re)	Date		Time	T1 T2 T3 AVG Temp °C 4											
Sample Mati	rix: S - Soil, Sd - So	olid, Sg - Slud	ge, A - Aque	ous, O - Other	I ACE.			Container	Type	g - glass,						, v - \	/OA			
					unless o	ther arrangements are made	e. Hazardous sam											for the analys	is of the al	oove
samples is	applicable only	to those sa	mples recei	ved by the lab	oratory	with this COC. The liability of	the laboratory is l	limited to th	e amo	unt paid fo	r on t	he repo	ort.							

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

Envirotech Analytical Laboratory

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.

CI: 1	EOG Resources	Data Basaiyadı	11/17/22 (10.12		W I O I ID	F211002
Client:		Date Received:	11/17/22 (Work Order ID:	E211092
Phone:		Date Logged In:	11/17/22 (Logged In By:	Caitlin Christian
Email:		Due Date:	11/21/22	17:00 (2 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	h the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: A	Austin Foutz		
4. Was the	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes		1		
5. Were a	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in					Commen	ts/Resolution
Commis T	i.e, 15 minute hold time, are not included in this disucssion	1.				Commen	
	Aurn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project ha	as been separa	ted into 3 reports
			105		1 -	-	Workorders are as
Sample C	sample cooler received?		Yes			E211090/E2110	
	was cooler received in good condition?		Yes		10110WS:E	EZ11090/EZ110	J92/E211093.
•	e sample(s) received intact, i.e., not broken?						
	custody/security seals present?		Yes				
	were custody/security seals intact?		No				
•		60: 200	NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample t	emperature: 4°C	<u> </u>				
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contained	ers collected?	Yes				
Field Lab		.•					
	field sample labels filled out with the minimum infor ample ID?	mation:	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample F	reservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	does the COC specify which phase(s) is to be analyzed	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	y?	No				
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	b: na		
Client Ir	<u>astruction</u>						
		<u> </u>					

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

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

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.



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

299C

		1.2110/5 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: KL		Batch: 2247069
Chloride	24.4	20.0	1	11/17/22	11/18/22	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

300C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		100 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2247069
· · · · · · · · · · · · · · · · · · ·	259	20.0		11/17/22	11/18/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

301C

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	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	Anal	yst: 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	Anal	yst: KL		Batch: 2247069



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

302C

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		92.2 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247069
				11/17/22	11/18/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

303C

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	ng/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		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	
Surrogate: n-Nonane		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg mg/kg		Ana	Analyst: KL		Batch: 2247069



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

304C

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	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		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	
Surrogate: n-Nonane		108 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg mg/kg		Analy	Analyst: KL		Batch: 2247069
-		·		11/17/22	11/18/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

305C

		Reporting				
Analyte	Result	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		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	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		95.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg mg/kg Analyst: RAS		lyst: 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	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg mg/kg		Anal	Analyst: KL		Batch: 2247069
Chloride	541	20.0	1	11/17/22	11/18/22	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

306C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		102 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2247069
Allions by EFA 500.0/9050A						



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

307C

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		104 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2247069



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

308C

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: n-Nonane		110 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2247069
	430	20.0		11/17/22	11/18/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		102 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247069



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
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		D (
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		yst: RKS	7 111111) 200	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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247069



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247069
Chloride	86.4	20.0	1	11/17/22	11/19/22	•



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247069



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		101 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247069
Amons by EFA 300.0/9030A						



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247069
	626	20.0	1	11/17/22	11/19/22	•



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		111 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247069
inions by Elite Colors Cooli						



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247069
Amons by E171500:0/703011						



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		102 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247069
Chloride	111	20.0	1	11/17/22	11/19/22	



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		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247058
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	11/17/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		108 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247069



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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	I	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	1	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: KI			Batch: 2247070



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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	I	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	A	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	A	Analyst: KL	_		Batch: 2247070



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

321C

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: Љ		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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

322C

D011	003	~ 4
E211	093	-24

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	IY		Batch: 2247065
Benzene	ND	0.0250	1	l	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	l	11/17/22	11/18/22	
Toluene	ND	0.0250	1	l	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	l	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: I	IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	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: J	JL		Batch: 2247060
Diesel Range Organics (C10-C28)	201	125	5	5	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	250	5	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: I	KL		Batch: 2247070

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

323C

		Reporting					
Analyte	Result	Limit	Di	lution	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	



EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree11/21/2022 11:15:52AM

Artesia NM, 88210		Project Manage	r: Gr	reg Crabtree				11/2	21/2022 11:15:52AN
	Vo	olatile Organ	ic Compo	unds by EF	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247065-BLK1)							Prepared: 11	1/17/22 Anal	yzed: 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	1/17/22 Anal	yzed: 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	1/17/22 Anal	yzed: 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	
o,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			

0.500

100

70-130

0.502



Surrogate: Toluene-d8

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

Artesia NM, 88210		Project Manager:		eg Crabtree				11/2	21/2022 11:15:52A
		Volatile O	rganics b	y EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247058-BLK1)							Prepared: 1	1/17/22 Anal	yzed: 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: 1	1/17/22 Anal	yzed: 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: 1	1/17/22 Anal	yzed: 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	
o,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			



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

Artesia NM, 88210		Project Manage	r: Gr	reg Crabtree				11/2	1/2022 11:15:52A
	Non	halogenated	Organics l	by EPA 80	15D - G	RO		A	Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247058-BLK1)							Prepared: 1	1/17/22 Analy	zed: 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: 1	1/17/22 Analy	zed: 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: 1	1/17/22 Analy	zed: 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			

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree11/21/2022 11:15:52AM

Nonhalogenated	Organics b	v EPA	8015D -	GRO

Analyst: IY

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

Blank (2247065-BLK1)						Prepared: 11	/17/22 Ana	lyzed: 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 Ana	lyzed: 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 Ana	lyzed: 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			



EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree11/21/2022 11:15:52AM

Artesia NM, 88210		Project Manager	r. Gi	eg Crabtree				11	/21/2022 11:15:52AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247060-BLK1)							Prepared: 1	1/17/22 Ana	alyzed: 11/17/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	61.4		50.0		123	50-200			
LCS (2247060-BS1)							Prepared: 1	1/17/22 Ana	alyzed: 11/17/22
Diesel Range Organics (C10-C28)	227	25.0	250		90.8	38-132			
urrogate: n-Nonane	54.4		50.0		109	50-200			
Matrix Spike (2247060-MS1)				Source:	E211088-0)2	Prepared: 1	1/17/22 Ana	alyzed: 11/17/22
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	38-132			
urrogate: n-Nonane	52.7		50.0		105	50-200			
Matrix Spike Dup (2247060-MSD1)				Source:	E211088-0)2	Prepared: 1	1/17/22 Ana	alyzed: 11/17/22
Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.9	38-132	4.66	20	
urrogate: n-Nonane	52.0		50.0		104	50-200			



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

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree				11	1/21/2022 11:15:52A
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247088-BLK1)							Prepared: 1	1/17/22 An	alyzed: 11/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	49.7		50.0		99.4	50-200			
LCS (2247088-BS1)							Prepared: 1	1/17/22 An	alyzed: 11/19/22
Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
urrogate: n-Nonane	50.0		50.0		100	50-200			
Matrix Spike (2247088-MS1)				Source:	E211093-0	04	Prepared: 1	1/17/22 An	alyzed: 11/19/22
Diesel Range Organics (C10-C28)	364	125	250	145	87.6	38-132			
urrogate: n-Nonane	47.7		50.0		95.4	50-200			
Matrix Spike Dup (2247088-MSD1)				Source:	E211093-0	04	Prepared: 1	1/17/22 An	alyzed: 11/19/22
Diesel Range Organics (C10-C28)	402	125	250	145	103	38-132	10.1	20	
hurrogate: n-Nonane	49.8		50.0		99.6	50-200			

Chloride

Chloride

Matrix Spike Dup (2247069-MSD1)

QC Summary Data

EOG Resources	Project Name: Project Number:	Ocotillo ACI Fed # 1 19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	11/21/2022 11:15:52AM

Artesia NW, 88210		Froject Manage	ı. Gi	eg Crabilee				11.	21/2022 11.13.32AW
		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
Blank (2247069-BLK1)							Prepared: 1	1/17/22 Ana	alyzed: 11/18/22
Chloride	ND	20.0							
LCS (2247069-BS1)							Prepared: 1	1/17/22 Ana	lyzed: 11/18/22
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2247069-MS1)				Source:	E211093-	01	Prepared: 1	1/17/22 Ana	lyzed: 11/18/22

250

250

20.0

20.0

24.4

24.4

104

105

Source: E211093-01

80-120

80-120

0.461

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

20

286

287

Chloride

Chloride

Matrix Spike Dup (2247070-MSD1)

QC Summary Data

EOG Resources 104 South 4th Street	Project Name: Project Number:	_	Ocotillo ACI Fe 9034-0016	ed # 1				Reported:		
Artesia NM, 88210		Project Manager	r: G	reg Crabtree				11	1/21/2022 11:15:52AM	
		Anions	by EPA	300.0/9056 <i>A</i>	A				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	
Blank (2247070-BLK1)							Prepared: 1	1/17/22 An	alyzed: 11/18/22	
Chloride	ND	20.0								
LCS (2247070-BS1)							Prepared: 1	1/17/22 An	alyzed: 11/18/22	
Chloride	255	20.0	250		102	90-110				
Matrix Spike (2247070-MS1)				Source:	E211093-	21	Prepared: 1	1/17/22 An	alyzed: 11/18/22	

250

250

20.0

20.0

42.6

42.6

102

103

Source: E211093-21

80-120

80-120

0.788

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

20

297

299

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.



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	Ocotillo ACI F					Attention:		Lab	W0#	Job Numbe		1D 2D 3D	Standard	CWA	SDWA
	Manager: Gre	g Crabtre	e		Supplied to the same	Address:		Εź	wo# 211093	19034-0		K	*	NE I	
ddress:					3550355	City, State, Zip				Analysis and	Metho	od			RCRA
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Project: Ocotillo ACI Fed #1

Project Manager: Greg Crabtree

Client: EOG

Address:

City, State, Zip

Released to Imaging: 3/15/2024 3:07:51 PM

Lab Use Only

Job Number 19034-0016

Analysis and Method

Lab WO# E 211093

Bill To

Attention:

City, State, Zip

Address:

Phone:

SDWA

RCRA

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EPA Program

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rix: S - Soil, Sd - So	lid, Sg - Slud	ge, A - Aque	ous, O - Other		to Adam -	м	Container	Type	: g - glass, p -				ass, v - VOA	4			
oles are discarde	d 30 days	after result:	s are reported i				ples will be	return	ed to client or	disposed o	of at the o				or the analysis o	f the ab	ove
	al Instruction oler), attest to the of collection is co ed by: (Signature ed by: (Signature ed by: (Signature ed by: (Signature	Date Sampled Matrix S S S S S S S S S S S S S	Date Sampled Matrix No. of Containers S 1 S 1 S 1 S 1 S 1 S 1 S 1 S	Date Sampled Matrix No. of Containers Sample ID	Date Sampled Matrix No. of Containers Sample ID	Date Sampled Matrix No. of Containers Sample ID	Date Sampled Matrix No. of Containers Sample ID	Enviro Use by: Date Sampled Matrix No. of Containers Sample ID Number	Enviro Use by: Date Sampled Matrix Containers Sample ID Lab Number Sample Date Sample Date LEnviro Leb by: Date Sampled Matrix No. of Centainers Sample ID Number Sampled Matrix No. of Centainers Sample ID Lab Number III Lab Number Sample ID Lab Number III Lab Number Sample ID Lab Number III Lab Number Sample ID Lab Number III Date Sampled Matrix Road Sample ID Number ID Number I	Date Sampled Matrix considerers Sample ID Date Sampled Matrix considerers Sample ID Date Sampled Matrix considerers Sample ID Date Sampled Matrix considerers Sample ID Date Sampled Matrix considerers Sample ID Date Sampled Matrix Considerers Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Date Sample ID Sample Sample ID Date Sample ID Sample Sample ID Date Time Received by: (Signature) Date Time AVG Temp CC Container Type: g - glass, p - poly/plastic, ag -	Leb vice Lab vice	Enviro Lab Sample Matrix Container Sample D Number D Number Sample D Number D Number Number D Number Num	Date Sampled Matrix Concessioner Sample ID Number N	Enviro Use by: Sample Date Sample Date Sample Date Sample Date D	LEnviro ue by: Date Sampled Matrix		

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and some of the	pler), attest to the					nat tampering with or intentionally mislabellin	ng the sample lo	cation								eived on ice the day to °C on subsequent day		d or received
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Sample Mat	rix: S - Soil, Sd - So	olid. Sg - Slud	ge. A - Aquer	ous. O - Othe		State and the state of the stat	Containor	Type	l e: g - glass, p - p					lace :	VO 4			
						r arrangements are made. Hazardous sa	mnles will be	retur	ned to client or d	ory/pla	of at	B - am	ner g	id55, V -	VUA			
samples is	applicable only	to those sa	mples recei	ved by the I	aboratory with	this COC. The liability of the laboratory	is limited to th	ne am	ount paid for on	the rep	ort.	the chel	n exp	ense.	ne repo	or the analys	s of the abo	ove

Printed: 11/17/2022 12:13:03PM

Envirotech Analytical Laboratory

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	8:13		Work Order ID:	E211093
Phone:	(575) 748-4217	Date Logged In:	11/17/22 08	8:39		Logged In By:	Caitlin Christian
Email:		Due Date:	11/21/22 17	7:00 (2 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: A	ustin Foutz		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Currer. <u>71</u>	tustiii i outz		
	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi			,		Commen	ts/Resolution
	<u> [urn Around Time (TAT)</u>				Duniant lan	1	4.4:4. 2
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		_	-	ted into 3 reports
Sample (-	Workorders are as
	sample cooler received?		Yes		follows:E	211090/E211	092/E211093.
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container	<u> </u>	<u>~</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	** *		140				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
D	ate/Time Collected?		Yes	ı			
	ollectors name?		Yes				
	<u>Preservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborate	ry?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: na		
Client I	struction						
<u>eneme 11</u>	1901 4441011						

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 reguarding 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

ljarboe@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	Reported.
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.



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

250D

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2251052
Benzene	ND	0.0250	1	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	l	12/14/22	12/14/22	
Toluene	ND	0.0250	1	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	l	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	l	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	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	169	50.0	1	l	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

251D

		Reporting					
Analyte	Result	Limit	Di	lution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

252D

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: F	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	1	Analyst: F	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	1	Analyst: J	L		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	1	Analyst: F	RAS		Batch: 2251058
Amons by ETA 300.0/7030A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dil	lution	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	: Л		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
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EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: R	kKS		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	1	Analyst: R	KS		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	1	Analyst: Л	L		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	1	Analyst: R	AS		Batch: 2251058
11110115 5 1 11110 0000/5 00 011							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	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	ļ.	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	l	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
Allions by ETA 500.0/7050A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2251052
Benzene	ND	0.0250	1	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	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	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:	ЛL		Batch: 2251053
Diesel Range Organics (C10-C28)	91.3	25.0	1	1	12/14/22	12/15/22	_
Oil Range Organics (C28-C36)	108	50.0	1	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
Allions by ETA 500.0/7030A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	Α	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	Α	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	
A . 1 EDA 200 0/0056 A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2251058
Anions by EPA 300.0/9056A	2 2					



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	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:	ЛL		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



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

260D

		Reporting					
Analyte	Result	Limit	Dil	ution	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



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: R	KS		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	1	Analyst: R	KS		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	1	Analyst: JI	L		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	1	Analyst: R	AS		Batch: 2251058
Allions by ETA 500.0/7050A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		E212081-12					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	: Л		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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
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Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Di	lution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		E212081-14							
Reporting									
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2251052		
Benzene	ND	0.0250	1	1	12/14/22	12/15/22			
Ethylbenzene	ND	0.0250	1	1	12/14/22	12/15/22			
Toluene	ND	0.0250	1	1	12/14/22	12/15/22			
o-Xylene	ND	0.0250	1	1	12/14/22	12/15/22			
p,m-Xylene	ND	0.0500	1	1	12/14/22	12/15/22			
Total Xylenes	ND	0.0250	1	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	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	5	12/14/22	12/15/22			
Oil Range Organics (C28-C36)	448	250	5	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		

20.0

12/14/22

12/14/22

ND



Chloride

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dil	lution	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
		·			·	12/15/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	XS .		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	A	Analyst: RK	S		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	A	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	
1 I III 1 200 0/00 FC 1	mg/kg	mg/kg	A	Analyst: RA	\S		Batch: 2251058
Anions by EPA 300.0/9056A	88	8 8					



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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		E212081-17					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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Reporting							
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	XS .		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	I	Analyst: RK	S		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	A	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	A	Analyst: RA	ΔS		Batch: 2251058
Allions by ETA 500.0/3030A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

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Reporting								
Analyte	Result	Limit	Dilut	tion Pre	pared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: RAS			Batch: 2251058	
11110119 8 7 22112 0 0 1 0 7 7 0 2 0 1 2								



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: RAS		Batch: 2251058
Chloride	ND	20.0	1	12/14/22	12/15/22	-



QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/15/2022 4:12:05PM

Artesia NM, 88210		Project Manage	r: Gr	reg Crabtree				12.	/15/2022 4:12:05PM
	Vo	olatile Organ	ic Compo	unds by EF	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2251052-BLK1)							Prepared: 12	2/14/22 Ana	lyzed: 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	2/14/22 Ana	lyzed: 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	2/14/22 Ana	lyzed: 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	
Гoluene	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			

0.500

75.9

70-130

0.380



Surrogate: Toluene-d8

QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/15/2022 4:12:05PM

Nonhalogenated Organics by EPA 8015D - GR	Nonhalogen	ated Orga	nics by	EPA8	8015D - (GRO
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Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg %	%	%	%	Notes	
Blank (2251052-BLK1)							Prepared: 1	2/14/22 Analy	yzed: 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: 1	2/14/22 Analy	yzed: 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
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Gasoline Range Organics (Co-C10)	33.3	20.0	30.0	107	/0-130	2.03
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 104 South 4th Street	Project Name: Project Number:	Ocotillo ACI Fed # 1 19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 4:12:05PM

Artesia NM, 88210		Project Manage	r: Gr	reg Crabtree					12/15/2022 4:12:05PN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2251053-BLK1)							Prepared: 1	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: 1	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: 1	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: 1	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			



Matrix Spike Dup (2251058-MSD1)

Chloride

QC Summary Data

EOG Resources 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager	1	ocotillo ACI Fe 9034-0016 Greg Crabtree	ed # 1				Reported: 12/15/2022 4:12:05PM
		Analyst: RAS							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2251058-BLK1)							Prepared: 12	2/14/22 A	nalyzed: 12/14/22
Chloride	ND	20.0							
LCS (2251058-BS1)							Prepared: 12	2/14/22 A	nalyzed: 12/14/22
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2251058-MS1)				Source:	E212081-	01	Prepared: 12	2/14/22 A	nalyzed: 12/14/22
Chloride	266	20.0	250	ND	106	80-120			

250

20.0

Source: E212081-01

103

80-120

2.76

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.



Prepared: 12/14/22 Analyzed: 12/14/22

20

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.



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Client: EOG				Bill To			Lab Use Only				TAT			EPA Program			
	Ocotillo ACI F					Attention:		Lab	WO# .	Job I	Number	10	2D	3D	Standard	CWA	SDWA
Project N	<u> Ianager:</u> Gre	g Crabtre	ee		49.2	Address:		E2	wo# 212081	1 1	9034-0016	X		1 16			
Address:			227			City, State, Zip				Analy	sis and Meth	od			. 44	P. Timera	RCRA
City, Stat	e, Zip					Phone:			We want				-		7. 1. 1. 1.		х
Phone:		0.01	147.5			Email:										State	W. DES
Email: All	Enviro											ľ			NM CO	UT AZ	тх
Report d	ue by:														×	OT AL	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	врбос								Remarks	
8:37	12/13/2022	S	1	250D		3.5		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		- 2-4	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	V									1.1
Addition	al Instruction	ns:															
						that tampering with or intentionally misla		ation,		1000					eived on ice the day t °C on subsequent da		ed or received
Out-Carlo Allo and account	of collection is co ed by: (Signature	CONTRACTOR OF THE CONTRACTOR	Date		legal action ime	Sampled by: Austin Fou	/ Date /	,	Time	d services			lah II	se Onl			
Au	stans	Sol		14/22	14:31	auth Chit	- 12/14/	22	14:31	Rece	ived on ice:	0	Y) N	se Oni I	Y		
Relinquishe	ed by: (Signature	e)	Date	Ti	ime	Received by: (Signature)	Date		Time	T1		<u>T2</u>			<u>T3</u>		
Relinquished by: (Signature) Date Time				Ti	me	Received by: (Signature)	Date		Time	AVG	Temp °C	+					
Sample Matr	rix: S - Soil, Sd - So	olid, Sg - Slud	lge, A - Aque	ous, O - Other _			Container	Туре	: g - glass, p -				ass, v -	VOA			
Note: Samp	oles are discarde	ed 30 days	after results	are reported	unless otl	ner arrangements are made. Hazardo	us samples will be	returi	ned to client or	r disposed	of at the clien	t expe	nse. 1	The rep	ort for the analys	is of the al	oove

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.

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Client: E	OG					Bill To		Lab Use Only			TAT				EPA Program	
	Ocotillo ACI F				At	tention:		Lab V		Job Number	10) 2D	3D	Standard	CWA	SDWA
Project N	Manager: Gre	g Crabtre	ee		Ac	ldress:		E2	12081	19034-0016	×				\$-16 m	
Address:					Ci	ty, State, Zip				Analysis and Metho	d				RESERVE	RCRA
City, Stat	e, Zip				Ph	one:		11								х
Phone:			Walter I		<u>Er</u>	nail:					18				State	AND THE
Email: Al	l Enviro													им со	UT AZ	TX
Report d	ue by:					4		1						×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID)		Lab Number	ВВСОС							Remarks	
9:35	12/13/2022	S	1	263D			11									
9:30	12/13/2022	S	1	264D			17							5		
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	22		15									
9:52	12/13/2022	S	1	268D			10									
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				Ī					
9:58	12/13/2022	S	1	273D			20	V					1			
Addition	al Instructio	ns:					1 2 10 5 10 WHA									
I, (field sam	oler), attest to the	validity and	authenticity	of this sampl	e. I am aware th	at tampering with or intentionally mislabellin	g the sample lo	ocation,		Samples requiring thermal packed in ice at an avg tem						ed or received
	of collection is co		ud and may	be grounds fo	or legal action.	Sampled by: Austin Foutz										
Relinquish	ed by: (Signatur	e)	Date	1/14/22	Time [4:3]	Regeived by: Highature	12/14 Z	22 /	14:3l	Received on ice:		Lab U	se On I	ly		
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		îme	T1	T2			Т3		
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date	Т	ïme	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										
0.55	CONTRACTOR CONTRACTOR		-	SA INC. POST IN CONTRACTOR		arrangements are made. Hazardous sa					_			ort for the analy	sis of the at	ove
The contract of the contract of the		and the State of the state of		Andrew Strategies and Strategies		this COC. The liability of the laboratory				revisit of the first and the control of the control				Section 1801.		

Printed: 12/14/2022 3:22:02PM

Envirotech Analytical Laboratory

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:		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)				
			Yes		
	te sample ID match the COC? The number of samples per sampling site location matc	h the COC			
	amples dropped off by client or carrier?	ii die COC	Yes Yes	.	A C F
	e COC complete, i.e., signatures, dates/times, request	ad analysas?	Yes	Carrier:	Austin Foutz
	Il samples received within holding time?	ed analyses:	Yes		
J. Were a	Note: Analysis, such as pH which should be conducted in	the field,	103		
	i.e, 15 minute hold time, are not included in this disucssion	1.			<u>Comments/Resolution</u>
	urn Around Time (TAT)				Project Occille ACI Fed #1 has been
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Ocotillo ACI Fed #1 has been
Sample C					separated into 3 reports due to sample
	sample cooler received?		Yes		volume. Workorders are as follows:
• •	was cooler received in good condition?		Yes		E212081, E212082, E212083.
9. Was the	e 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		
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes		
	risible ice, record the temperature. Actual sample t	emperature. 4 C	<u>_</u>		
Sample C			Na		
	queous VOC samples present? OC samples collected in VOA Vials?		No NA		
	head space less than 6-8 mm (pea sized or less)?		NA NA		
			NA NA		
	trip blank (TB) included for VOC analyses? on-VOC samples collected in the correct containers?				
	appropriate volume/weight or number of sample containers?	ora gollootad?	Yes Yes		
Field Lab	· · ·	as conected?	105		
	field sample labels filled out with the minimum infor	mation			
	ample ID?	mation.	Yes		
	ate/Time Collected?		Yes		
C	ollectors name?		Yes		
Sample P	reservation_				
21. Does	the COC or field labels indicate the samples were pre	served?	No		
22. Are sa	ample(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved me	etals?	No		
Multipha	se Sample Matrix				
26. Does	the sample have more than one phase, i.e., multiphase	e?	No		
27. If yes,	does the COC specify which phase(s) is to be analyze	red?	NA		
Subcontr	act Laboratory				
	imples required to get sent to a subcontract laboratory	₁ ?	No		
	subcontract laboratory specified by the client and if		NA	Subcontract La	ab: na
	• • •				····
Chent II	<u>struction</u>				

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Date

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 reguarding 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

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Laboratory Administrator Office: 505-632-1881

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Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

T 1 ' 1D

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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

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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	Reported:
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.



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

274D

E212082-01

	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2251054
ND	0.0250		1	12/14/22	12/14/22	
ND	0.0250		1	12/14/22	12/14/22	
ND	0.0250		1	12/14/22	12/14/22	
ND	0.0250		1	12/14/22	12/14/22	
ND	0.0500		1	12/14/22	12/14/22	
ND	0.0250		1	12/14/22	12/14/22	
	98.9 %	70-130		12/14/22	12/14/22	
	99.6 %	70-130		12/14/22	12/14/22	
	106 %	70-130		12/14/22	12/14/22	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2251054
mg/kg ND	mg/kg 20.0		Analyst:	12/14/22	12/14/22	Batch: 2251054
		70-130			12/14/22 12/14/22	Batch: 2251054
	20.0	70-130 70-130		12/14/22		Batch: 2251054
	20.0			12/14/22 12/14/22	12/14/22	Batch: 2251054
	20.0 98.9 % 99.6 %	70-130		12/14/22 12/14/22 12/14/22 12/14/22	12/14/22 12/14/22	Batch: 2251054 Batch: 2251055
ND	20.0 98.9 % 99.6 % 106 %	70-130	1	12/14/22 12/14/22 12/14/22 12/14/22	12/14/22 12/14/22	
ND mg/kg	20.0 98.9 % 99.6 % 106 % mg/kg	70-130	1	12/14/22 12/14/22 12/14/22 12/14/22 JL	12/14/22 12/14/22 12/14/22	
ND mg/kg 55.6	20.0 98.9 % 99.6 % 106 % mg/kg 25.0	70-130	1	12/14/22 12/14/22 12/14/22 12/14/22 3JL 12/14/22	12/14/22 12/14/22 12/14/22	
ND mg/kg 55.6	20.0 98.9 % 99.6 % 106 % mg/kg 25.0 50.0	70-130 70-130	1	12/14/22 12/14/22 12/14/22 12/14/22 3JL 12/14/22 12/14/22 12/14/22	12/14/22 12/14/22 12/14/22 12/14/22 12/14/22	
	mg/kg ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 98.9 % 99.6 %	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.9 % 70-130 99.6 % 70-130	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.9 % 70-130 99.6 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0500 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 98.9 % 70-130 12/14/22 99.6 % 70-130 12/14/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 12/14/22 12/14/22 ND 0.0500 1 12/14/22 12/14/22 ND 0.0250 1 12/14/22 12/14/22 ND 0.0250 1 12/14/22 12/14/22 98.9 % 70-130 12/14/22 12/14/22 99.6 % 70-130 12/14/22 12/14/22



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

275D

E212082-02

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	ng/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	l	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	kg mg/kg		Analyst: RKS			Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ	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
THIONS BY EITHEOUTO VOCATE							

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		E212082-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	; <u> </u>	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	781	250	5	i	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	1	Analyst: RA	AS		Batch: 2251059

20.0

12/14/22

12/15/22

ND



Chloride

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

277D

E212082-04									
Reporting									
Analyte	Result	Limit	Dilı	ution	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		
		•							

20.0

12/14/22

12/15/22

ND



Chloride

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

280D

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	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	1	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	1	Analyst: J	L		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	1	Analyst: R	RAS		Batch: 2251059
Allions by ETA 300.0/7030A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	S		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	A	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	A	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	
		_			~		D . 1 2051050
Anions by EPA 300.0/9056A	mg/kg	mg/kg	P	Analyst: RAS	S		Batch: 2251059



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Dil	ution	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



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: F	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	1	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	1	Analyst: J	L		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	1	Analyst: F	RAS		Batch: 2251059
Amons by EPA 500.0/9050A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Di	lution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

287D

		E212082-10					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2251054
Benzene	ND	0.0250	1	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	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	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	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	179	50.0	1	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	1	12/14/22	12/15/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

290D

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: R	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	1	Analyst: R	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	1	Analyst: J	L		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	1	Analyst: R	RAS		Batch: 2251059
Amons by EPA 500.0/9050A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

291D

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: R	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	1	Analyst: R	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	I	Analyst: J	L		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	1	Analyst: R	RAS		Batch: 2251059
Allions by ETA 500.0/7050A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Dilu	tion	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
						12/15/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Di	lution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2251054
Benzene	ND	0.0250	1	l	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	[12/14/22	12/15/22	
Toluene	ND	0.0250	1	l	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	l	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	l	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	Į.	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	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	92.5	50.0	1	l	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



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	S		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	A	Analyst: RK	S		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	A	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	A	Analyst: RA	S		Batch: 2251059
Amons by EPA 500.0/9050A							



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

		2212002 17				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: 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	An	nalyst: 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	An	nalyst: 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	An	nalyst: RAS		Batch: 2251059
Chloride	ND	20.0	1	12/14/22	12/15/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Di	lution	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
		20.0			·	12/15/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

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		Reporting					
Analyte	Result	Limit	Di	lution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

301D

		E212082-20					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	kKS		Batch: 2251054
Benzene	ND	0.0250	1	1	12/14/22	12/15/22	
Ethylbenzene	ND	0.0250	1	1	12/14/22	12/15/22	
Toluene	ND	0.0250	1	1	12/14/22	12/15/22	
o-Xylene	ND	0.0250	1	1	12/14/22	12/15/22	
p,m-Xylene	ND	0.0500	1	1	12/14/22	12/15/22	
Total Xylenes	ND	0.0250	1	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: R	KS		Batch: 2251054
Gasoline Range Organics (C6-C10)	ND	20.0	1	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: J	L		Batch: 2251055
Diesel Range Organics (C10-C28)	49.9	25.0	1	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	93.2	50.0	1	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: R	AS		Batch: 2251059
·							

20.0

12/14/22

12/15/22

634



Chloride

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/15/20222:30:43PM

Artesia NM, 88210		Project Manage	r: Gı	reg Crabtree				12	/15/2022 2:30:43PI
	V	olatile Organ	ic Compo	unds by EF	A 8260	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2251054-BLK1)							Prepared: 12	2/14/22 Ana	llyzed: 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	2/14/22 Ana	lyzed: 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	2/14/22 Ana	lyzed: 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			
~									

0.500

103

70-130



Surrogate: Toluene-d8

0.514

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/15/20222:30:43PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2251054-BLK1)							Prepared: 1	2/14/22 Analy	yzed: 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: 1	2/14/22 Analy	yzed: 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
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	

EOG Resources 104 South 4th Street	Project Name: Project Number:	Ocotillo ACI Fed # 1 19034-0016	Reported:
Artesia NM, 88210	Project Number: Project Manager:	Greg Crabtree	12/15/2022 2:30:43PM

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree					12/15/2022 2:30:43PM
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2251055-BLK1)							Prepared: 12	2/14/22 A	nalyzed: 12/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	52.5		50.0		105	50-200			
LCS (2251055-BS1)							Prepared: 12	2/14/22 A	nalyzed: 12/14/22
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
urrogate: n-Nonane	55.6		50.0		111	50-200			
Matrix Spike (2251055-MS1)				Source:	E212082-	18	Prepared: 12	2/14/22 A	nalyzed: 12/14/22
Diesel Range Organics (C10-C28)	367	25.0	250	148	87.5	38-132			
urrogate: n-Nonane	55.3		50.0		111	50-200			
Matrix Spike Dup (2251055-MSD1)				Source:	E212082-	18	Prepared: 12	2/14/22 A	nalyzed: 12/14/22
Diesel Range Organics (C10-C28)	367	25.0	250	148	87.5	38-132	0.0210	20	
urrogate: n-Nonane	50.2		50.0		100	50-200			



EOG Resources 104 South 4th Street		Project Name: Project Number:		cotillo ACI Fe 9034-0016	ed # 1				Re	eported:
Artesia NM, 88210		Project Number: Project Manager:		reg Crabtree				12/15/202	22 2:30:43PM	
		Anions l	by EPA	300.0/9056	1				Analy	st: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
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:	E212082-0	1	Prepared:	12/14/22	Analyzed:	: 12/15/22
Chloride	311	20.0	250	55.7	102	80-120				
Matrix Spike Dup (2251059-MSD1)				Source:	E212082-0	1	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.



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Client: EC	OG				7. 16.	Bill To			Lab	Use Only				TA	T	EPA P	ogram
	Ocotillo ACI F	ed #1			At	tention:		Lab	WO#	Job Nu	ımber	1	D 2D	3D	Standard	CWA	SDWA
	<u> lanager:</u> Gre		e		Ac	ldress:		Fź	212082	190	34-0016	CCC-2077	x				
Address:					Cit	y, State, Zip				Analysis	and Met			- tu			RCRA
City, Stat	e. Zip				Ph	one:										70	х
Phone:					En	nail:										State	
- A																	
Email: Al	Enviro														NM CO	UT AZ	TX
Report d	ue by:												-		×	0, 7.2	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	BDGOC								Remarks	
10:09	12/13/2022	S	1	274D			1	1									
10:13	12/13/2022	S	1	275D			2	1									
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			0						-				
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							\Box			
10:41	12/13/2022	S	1	287D			10	V						П			
Addition	al Instructio	ns:															
. 16 11	T V T	W P		f.ii.	TY DOWN THE REAL PROPERTY.		and the constants for			Samples re	equiring therm	nal prese	ervation m	ust be rece	eived on ice the day t	hey are sample	d or received
25021						at tampering with or intentionally mislabelli	ing the sample lo	ation		packed in i	ice at an avg te	emp abo	ove 0 but I	ess than 6	°C on subsequent da	ys.	
	of collection is co			be grounds fo		Sampled by: Austin Foutz											
Relinquish	ed by: (Signatur	e)	15 Date	/14/22	Time (4:31	Refered by: (Signature)	12/14/2	27	14:31	Receiv	ed on ice		Lab U	se Onl	y		
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time	T1		Т.			T3		
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date	ı	Time		emp °C		•		13		
		h 1 e e					Contain	T	L				ula es	VOA			
	rix: S - Soil, Sd - So					arrangements are made. Hazardous s			e: g - glass, p -						ort for the analys	is of the ab	ove
						this COC. The liability of the laborator						iii ex	Jense.	me repo	or to the analys	ns or the at	ove

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Client: EOG						Bill To			Lab Use Only					TA	EPA Program		
Project:	Ocotillo ACI F	ed #1				Attention:		Lab '	WO#		Job Number	10	2D	3D	Standard	CWA	SDWA
Project N	Manager: Gre	g Crabtre	е		5,007560,000	Address:		E2	2120	82	19034-0016	×					
Address:					1	City, State, Zip					Analysis and Metho	d					RCRA
City, Stat	e, Zip					Phone:											Х
Phone:						Email:						1				State	
Email: Al	l Enviro									- 6					NM CO	UT AZ	тх
Report d	ue by:														×		
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	V	1								
Addition	al Instructio	ns:	<u> </u>	Land States													
I, (field sam	pler), attest to the	validity and	authenticity	of this sampl	e. I am aware	that tampering with or intentionally mislabellin	g the sample lo	cation,			Samples requiring thermal p					20 III	ed or received
date or time	e of collection is c	onsidered fra	ud and may	be grounds fo	or legal action.	Sampled by: Austin Foutz				_							
	ed by: (Signatur	e)	5. Date 12	/14/22	Time 14:31	Regived by Signature hts	12/14/	bz,	14: 3	3/	Received on ice:		Lab U	se Onl I	y		
Relinquish	ed by: (Signatui	e)	Date		Time	Received by: (Signature)	Date		Time			T2			T3		
Relinquish	ed by: (Signatui	re)	Date		Time	Received by: (Signature)	Date		Time		AVG Temp °C	1					
Sample Mat	trix: S - Soil, Sd - S	olid, Sg - Sluc	ge, A - Aque	ous, O - Othe	r		Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
						er arrangements are made. Hazardous sa									ort for the analys	is of the ab	ove
samples is	applicable only	to those sa	mples rece	ved by the	laboratory wi	th this COC. The liability of the laboratory	is limited to th	ne amo	unt pai	d for or	n the report.						

Printed: 12/14/2022 3:25:48PM

Envirotech Analytical Laboratory

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 1	.4:31	W	ork Order ID:	E212082
Phone:	(575) 748-4217	Date Logged In:	12/14/22 1	4:44	Lo	ogged In By:	Caitlin Christian
Email:		Due Date:	12/15/22	17:00 (1 day TAT)			
Chain o	of Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mate	h the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: A	ustin Foutz		
4. Was 1	the COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in time. 15 minute hold time, are not included in this disucssion.		Yes			Comment	s/Resolution
Sample	Turn Around Time (TAT)			ĺ			
	he COC indicate standard TAT, or Expedited TAT?		Yes		Project Ocoti	llo ACI Fe	d #1 has been
Sample	Cooler				separated into	3 reports	due to sample
	a sample cooler received?		Yes		volume. Worl	-	-
8. If yes	s, was cooler received in good condition?		Yes				
9. Was 1	the sample(s) received intact, i.e., not broken?		Yes	l	E212081, E2	12002, E2	12003.
	re custody/security seals present?		No				
	es, were custody/security seals intact?		NA				
12. Was	the sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling or visible ice, record the temperature. Actual sample to	received w/i 15	Yes				
	Container	<u>. </u>	<u>~</u>				
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	the head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	e appropriate volume/weight or number of sample containe	ers collected?	Yes				
Field L							
	re field sample labels filled out with the minimum infor	mation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes	'			
	Collectors name?		Yes				
	• Preservation • the COC or field labels indicate the samples were pre	samuad?	No				
	sample(s) correctly preserved?	serveu?	No NA				
	sample(s) correctly preserved: b filteration required and/or requested for dissolved me	etale?	No				
		tais:	NO				
•	hase Sample Matrix s the sample have more than one phase, i.e., multiphase	. 9	N				
	es, does the COC specify which phase(s) is to be analyz		No				
		æu?	NA				
	tract Laboratory						
	samples required to get sent to a subcontract laboratory		No				
29. was	s a subcontract laboratory specified by the client and if s	so wno?	NA	Subcontract Lab	: NA		
Client	<u>Instruction</u>						
							_

Date

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 reguarding 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

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Cell: 775-287-1762

whinchman@envirotech-inc.com

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Laboratory Administrator Office: 505-632-1881

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Alexa Michaels

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labadmin@envirotech-inc.com

Field Offices:

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Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/22 14:31

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.



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

302D

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2251056
Benzene	ND	0.0250	1	l	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	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	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	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	106	50.0	1	1	12/14/22	12/15/22	
Surrogate: n-Nonane		103 %	50-200		12/14/22	12/15/22	
1 . I EDA 200 0/005(1	mg/kg	mg/kg		Analyst:	BA		Batch: 2251060
Anions by EPA 300.0/9056A	mg/kg	mg/kg					



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

304D

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: Л		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
	73.3	20.0		1	12/14/22	12/15/22	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

305D

Reporting							
Analyte	Result	Limit	Di	lution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

306D

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	kg mg/kg Ai		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	Α	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	
A . 1 EDA 200 0/0056 A	mg/kg	mg/kg	Α	analyst: BA		Batch: 2251060
Anions by EPA 300.0/9056A	88	8 8		•		



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

310D

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: Л		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	-

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

311D

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	ıg/kg mg/kg		nalyst: 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		nalyst: 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	
1 I IDN 200 0/00 5 ()	mg/kg	mg/kg	A	nalyst: BA		Batch: 2251060
Anions by EPA 300.0/9056A	8 8	8 8				



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

312D

E212083-07

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	ΙΥ		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	1	Analyst: I	ΙΥ		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	1	Analyst: J	ΠL		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	1	Analyst: I	ВА		Batch: 2251060



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

313D

E212083-08

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	ΙΥ		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	1	Analyst: I	ΙΥ		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	1	Analyst: J	ΠL		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	1	Analyst: I	ВА		Batch: 2251060



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

314D E212083-09

D14	Reporting	P.1		D	A	Notes
Kesult	Limit	Dili	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2251056
ND	0.0250		1	12/14/22	12/15/22	
ND	0.0250		1	12/14/22	12/15/22	
ND	0.0250		1	12/14/22	12/15/22	
ND	0.0250		1	12/14/22	12/15/22	
ND	0.0500		1	12/14/22	12/15/22	
ND	0.0250		1	12/14/22	12/15/22	
	95.6 %	70-130	·	12/14/22	12/15/22	
	93.2 %	70-130		12/14/22	12/15/22	
	102 %	70-130		12/14/22	12/15/22	
mg/kg	mg/kg		Analyst:	IY		Batch: 2251056
ND	20.0		1	12/14/22	12/15/22	
	95.6 %	70-130		12/14/22	12/15/22	
	93.2 %	70-130		12/14/22	12/15/22	
	102 %	70-130		12/14/22	12/15/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2251057
160	50.0		2	12/14/22	12/15/22	
217	100		2	12/14/22	12/15/22	
	100 %	50-200		12/14/22	12/15/22	
mg/kg	mg/kg		Analyst:	BA		Batch: 2251060
24.3	20.0		1	12/14/22	12/15/22	
	ND ND ND ND ND ND ND ND ND 10 10 10 10 10 10 10 10 10 10 10 10 10	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0250 mg/kg mg/kg ND 20.0 95.6 % 93.2 % 102 % 102 % mg/kg mg/kg 160 50.0 217 100 mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 95.6 % 70-130 93.2 % 70-130 102 % 70-130 95.6 % 70-130 93.2 % 70-130 102 % 70-130 mg/kg mg/kg 160 50.0 217 100 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 95.6 % 70-130 93.2 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 95.6 % 70-130 70-130 mg/kg mg/kg Analyst: mg/kg mg/kg Analyst: 160 50.0 2 217 100 2 100 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0500 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 95.6 % 70-130 12/14/22 93.2 % 70-130 12/14/22 102 % 70-130 12/14/22 95.6 % 70-130 12/14/22 93.2 % 70-130 12/14/22 93.2 % 70-130 12/14/22 102 % 70-130 12/14/22 102 % 70-130 12/14/22 mg/kg mg/kg Analyst: JL 160 50.0 2 12/14/22 217 100 2 12/14/22 mg/kg mg/kg Analyst: BA	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Imag/kg Imag



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

315D E212083-10

		,,,,				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepar	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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/	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	A	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/	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	A	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	A	Analyst: BA		Batch: 2251060

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

318D

E212083-11

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: Л		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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

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E212083-12

		Reporting					
Analyte	Result	Limit	Di	lution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

SB1 @ 2' E212083-13

	E212005-15				
Result	Limit	Diluti	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	A	analyst: IY		Batch: 2251056
ND	0.0250	1	12/14/22	12/15/22	
ND	0.0250	1	12/14/22	12/15/22	
ND	0.0250	1	12/14/22	12/15/22	
ND	0.0250	1	12/14/22	12/15/22	
ND	0.0500	1	12/14/22	12/15/22	
ND	0.0250	1	12/14/22	12/15/22	
	97.3 %	70-130	12/14/22	12/15/22	
	96.4 %	70-130	12/14/22	12/15/22	
	101 %	70-130	12/14/22	12/15/22	
mg/kg	mg/kg	A	analyst: IY		Batch: 2251056
ND	20.0	1	12/14/22	12/15/22	
	97.3 %	70-130	12/14/22	12/15/22	
	96.4 %	70-130	12/14/22	12/15/22	
	101 %	70-130	12/14/22	12/15/22	
mg/kg	mg/kg	A	analyst: JL		Batch: 2251057
139	50.0	2	12/14/22	12/15/22	
190	100	2	12/14/22	12/15/22	
	98.4 %	50-200	12/14/22	12/15/22	
mg/kg	mg/kg	A	analyst: BA		Batch: 2251060
	ND ND ND ND ND ND ND ND ND ND 100 ND ND ND 100 100 100 100 100 100 100 100 100 10	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 97.3 % 96.4 % 101 % mg/kg ND 20.0 97.3 % 96.4 % 101 % 101 % mg/kg mg/kg 139 50.0 190 100	Reporting Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 97.3 % 70-130 96.4 % 70-130 101 % 70-130 96.4 % 70-130 101 % 70-130 101 % 70-130 mg/kg mg/kg Mg/kg Mg/kg A 70-130 101 % 70-130 101 % 70-130 101 % 70-130 101 % 70-130 101 % 70-130 101 % 70-130	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0500 1 12/14/22 ND 0.0250 1 12/14/22 ND 0.0250 1 12/14/22 97.3 % 70-130 12/14/22 96.4 % 70-130 12/14/22 mg/kg mg/kg Analyst: IY ND 20.0 1 12/14/22 97.3 % 70-130 12/14/22 96.4 % 70-130 12/14/22 101 % 70-130 12/14/22 101 % 70-130 12/14/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 12/14/22 12/15/22 ND 0.0250 1 12/14/22 12/15/22 ND 0.0250 1 12/14/22 12/15/22 ND 0.0500 1 12/14/22 12/15/22 ND 0.0250 1 12/14/22 12/15/22 ND 0.0250 1 12/14/22 12/15/22 97.3 % 70-130 12/14/22 12/15/22 96.4 % 70-130 12/14/22 12/15/22 mg/kg mg/kg Analyst: IY ND 20.0 1 12/14/22 12/15/22 97.3 % 70-130 12/14/22 12/15/22 mg/kg Mg/kg Analyst: IY ND 20.0 1 12/14/22 12/15/22 101 % 70-130 12/14/22 12/15/22



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

SB2 @ 4' E212083-14

		E212083-14					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	7		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	I	Analyst: IY	7		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	A	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	A	Analyst: B	A		Batch: 2251060
Chloride	32.6	20.0	1		12/14/22	12/15/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

320D

E212083-15

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: ЛL		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
	ND	20.0		1	12/14/22	12/15/22	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

322D

		E212083-16										
Reporting												
Analyte	Result	Limit	Dil	ution	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:	Л		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						

mg/kg

20.0

Analyst: BA

12/14/22

12/15/22

mg/kg

ND



Batch: 2251060

Anions by EPA 300.0/9056A

Chloride

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/15/2022 2:31:05PM

323D

E212083-17

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: ЛL		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
	ND	20.0		1	12/14/22	12/15/22	



EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/15/20222:31:05PM

Artesia NM, 88210		Project Manage	r: Gr	reg 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		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2251056-BLK1)							Prepared: 12	2/14/22 Anal	yzed: 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	2/14/22 Anal	yzed: 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	2/14/22 Anal	yzed: 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		
Foluene	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		
o,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				

0.500

98.2

70-130

0.491



Surrogate: Toluene-d8

 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	v EPA	.8015D -	GRO

Analyst: IY

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

Blank (2251056-BLK1)						Prepared: 12	2/14/22 Analyz	ed: 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	2/14/22 Analyz	ed: 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	2/14/22 Analyz	ed: 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			



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
104 South 4th Street Artesia NM, 88210	Project Number: Project Manager:	19034-0016 Greg Crabtree	12/15/2022 2:31:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL										
Rec Limits	RPD	RPD Limit								
%	%	%	Notes							
	Prepared: 1	2/14/22 A	nalyzed: 12/15/22							
50-200										
	Prepared: 1	2/14/22 A	nalyzed: 12/15/22							
38-132										
50-200										
05	Prepared: 1	2/14/22 A	nalyzed: 12/15/22							
38-132										
50-200										
05	Prepared: 1	2/14/22 A	nalyzed: 12/15/22							
38-132	2.37	20								
50-200										
	Rec Limits % 50-200 38-132 50-200 05 38-132 50-200 38-132	Rec Limits RPD % Prepared: 1 50-200 Prepared: 1 38-132 50-200 Prepared: 1 38-132 50-200 Prepared: 1 38-132 50-200	Rec Limits RPD Limit % % Prepared: 12/14/22 A 50-200 Prepared: 12/14/22 A 38-132 50-200 95 Prepared: 12/14/22 A 38-132 50-200 95 Prepared: 12/14/22 A 38-132 50-200 95 Prepared: 12/14/22 A 38-132 2.37 20 2.37							



EOG Resources		Project Name:		ocotillo ACI Fe	ed # 1				Reported:
104 South 4th Street Artesia NM, 88210		Project Number: Project Manager		19034-0016 Greg Crabtree					12/15/2022 2:31:05PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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.



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m VA	6
VA	OCD: 9/13/2023
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Client: E						Bill To	Lab Use C			Jse Only			TA	AT	EPA P	rogra	
	Ocotillo ACI F <u>Manager:</u> Gre		•		THE RESERVE OF THE PARTY OF THE	tention:		Lab	WO#	2	Job Number	12	2D	3D	Standard	CWA	SDV
Address:		g Crabtre	е		100000000000000000000000000000000000000	ddress: ty, State, Zip		EZ	21208	<u> </u>	19034-0016 Analysis and Metho	X	Ц				- DC
City, Stat					0.0000000000000000000000000000000000000	none:			13.74		Analysis and Meth	T	1	П			RC
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mail: Al	l Enviro																
															NM CO	UT AZ	TX
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Sampled	Date Sampled	Matrix	Containers	Sample ID)		Number	BDGOC								Remarks	5
11:38	12/13/2022	S	1	302D			1	1									
11:53	12/13/2022	S	1	304D			2										
11:56	12/13/2022	S	1	305D			3							Н	_		
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					\vdash		\vdash			
12:13	12/13/2022	S	1	312D			7					-					
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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	V							-		
Addition	al Instruction	ıs:										•					
(field same	pler), attest to the	validity and	authenticity	of this sample	e. I am aware th	at tampering with or intentionally mislabellin	e the sample loc	ration			Samples requiring thermal	reserva	ation mu	st be rece	ived on ice the day th	ey are sample	ed or re
	of collection is co					Sampled by: Austin Foutz	S sepie iee	,			packed in ice at an avg tem	above	0 but les	ss than 6 °	C on subsequent days	i.,	
	ed by: (Signatur	e)	Date		Time	Received by (Signature)	Date	,	Time	,		Ļ	ab Us	e Only			
Hus		Fout		114/22	14:31	auch Chin	12/14/2	22	14:3	ot	Received on ice:	W	STEEL STEEL STEEL				
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time		T-1						
Relinquished by: (Signature) Date Time R				Received by: (Signature)	Date		Time		T1	<u>T2</u> /			_ <u>T3</u>				
				ous, O - Other			Container		P and		AVG Temp °C	general.					

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Client: E						Bill To				Lal	b Use C	Only	Lab Use Only						EPA Program	
	Ocotillo ACI I					Attention:		s	Lal	WO#	Jol	b Nur	nber		1D 2	2D	TA [*]	Standard	CWA	SDWA
	Manager: Gre	g Crabtre	e			Address:			E	212083	,	1903	4-0016	5	х					
Address:						City, State, Zip					Ana	alysis a	and Me	thod						RCRA
City, Stat	e, Zip					Phone:								211					7	х
Phone:						Email:									- 1				State	
Email: Al	l Enviro																	NM CO	UT AZ	TX
Report d	ue by:																	×		12,
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	BDGOC										Remarks	
12:28	12/13/2022	S	1	318D				11												
12:32	12/13/2022	S	1	319D				12												
8:49	12/13/2022	S	1	SB1@2'				13												
9:09	12/13/2022	S	1	SB2@4'				14	V											
12:35	12/13/2022	S	1	320	D			15	1											
12:39	12/13/2022	S	1	322	D			160												
12:44	12/13/2022	S	1	323	D			17	1											
	12/13/2022	S	1																	
	12/13/2022	S	1																	
	12/13/2022	S	1											1						
Addition	al Instruction	ns:																		
						that tampering with or inte	ntionally mislabelling t	he sample loo	ation									ed on ice the day the		d or received
	of collection is co				270	March Control of the	by: Austin Foutz	Tanada a												
Aug	ed by: (Signatur	ite	12	/14/22	14:3/		Mile	12/14/2	2	Time 14:31	Rec	eived	on ice	: (Lab	Use N	Only			
Relinquish	ed by: (Signatur	e)	Date	Ti	me	Received by: (Signa	ture)	Date		Time	T1			T.				T3		
Relinquish	ed by: (Signatur	e)	Date	Ti	me	Received by: (Signa	ture)	Date		Time	AVC	Tem	ıp °C	4				•		
Sample Mat	rix: S - Soil, Sd - So	olid, Sg - Slud	ge, A - Aque	ous, O - Other				Container	Type	: g - glass, p -	- poly/n	lastic	ag - am	her	olace v	ı - \IC	2Δ			
					unless otl	ner arrangements are ma	de. Hazardous sam	ples will be	retur	ned to client or	r dispose	d of at	the clie	nt evr	nence	The	report	for the analysis	of the ab-	110
samples is	applicable only	to those sai	mples recei	ved by the lab	oratory w	ith this COC. The liability	of the laboratory is	imited to th	e am	ount paid for o	on the re	port.		cap		ine	, cport	cioi the analysis	or the app	ve

Printed: 12/14/2022 3:28:31PM

Envirotech Analytical Laboratory

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	Wor	k Order ID:	E212083
Phone:	(575) 748-4217	Date Logged In:	12/14/22	14:49	Log	ged In By:	Caitlin Christian
Email:		Due Date:	12/15/22	17:00 (1 day TAT)	, and the second		
Chain of	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location match	h the COC	Yes				
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: A	austin Foutz		
4. Was th	ne COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes				
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e. 15 minute hold time, are not included in this disucssion		Yes			<u>Comment</u>	s/Resolution
Sample '	Turn Around Time (TAT)			ĺ			
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Ocotill	lo ACI Fe	d #1 has been
Sample (Cooler				separated into	3 reports	due to sample
	sample cooler received?		Yes		volume. Work	-	=
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		E212081, E21	2062, E2.	12083.
	custody/security seals present?		No				
	s, were custody/security seals intact?		NA				
12. Was ti	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to	received w/i 15	Yes				
	Container	<u> </u>	<u>~</u>				
	equeous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containe	rs collected?	Yes				
Field La							
	e field sample labels filled out with the minimum inform	mation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes	'			
	Collectors name?		Yes				
	Preservation the COC or field labels indicate the samples were pre-	nominad?	NI-				
		servea?	No				
	sample(s) correctly preserved? of filteration required and/or requested for dissolved me	tale?	NA No				
		tais:	INU				
•	ase Sample Matrix	0					
	the sample have more than one phase, i.e., multiphase		No				
27. II yes	s, does the COC specify which phase(s) is to be analyz	ea?	NA				
	ract Laboratory						
	samples required to get sent to a subcontract laboratory		No				
29. Was	a subcontract laboratory specified by the client and if s	so who?	NA	Subcontract Lab	: NA		
Client I	<u>nstruction</u>						

Date

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 reguarding 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

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labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Γ	EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
	104 South 4th Street	Project Number:	19034-0016	Reported:
	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.



EOG ResourcesProject Name:Ocotillo ACI Fed # 1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree12/29/2022 10:55:04AM

SB1 @ 5' E212145-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 10:55:04AM

SB1 @ 6' E212145-02

		L212110 02					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Diit	шин	Frepareu	Anaryzeu	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:	ЛL		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	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 10:55:04AM

SB1 @ 7' E212145-03

		2212110 00				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
	mg/kg	mg/kg		nalyst: IY	1 mary zea	Batch: 2253021
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	12/22/22	12/22/22	Batch: 2233021
Benzene	ND ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND ND	0.0250	1	12/22/22	12/22/22	
Toluene			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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: RAS		Batch: 2252040
Chloride	41.3	20.0	1	12/21/22	12/22/22	



Ocotillo ACI Fed # 1 EOG Resources Project Name: Reported: 104 South 4th Street Project Number: 19034-0016

Artesia NM, 88210		Project Manage	r: Gı	reg Crabtree				1	2/29/2022 10:55:04AN
	V	olatile Organ	ic Compo	unds by EF	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2253021-BLK1)							Prepared: 1	2/22/22 A	nalyzed: 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: 1	2/22/22 A	nalyzed: 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: 1	2/22/22 A	nalyzed: 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			
	-								



EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/29/2022 10:55:04AM

Nonhalogenated Organics by EPA 8015D - GR	Nonhalogen	ated Orga	nics by	EPA8	8015D - (GRO
---	------------	-----------	---------	------	-----------	-----

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

Blank (2253021-BLK1)						Prepared: 12	2/22/22	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	2/22/22	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	2/22/22	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			



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

Artesia NM, 88210		Project Manager	r: Gr	eg Crabtree					12/29/2022 10:55:04AN
	Nonhal	logenated Or	ganics by l	EPA 8015I) - 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 Limi %	
Blank (2252034-BLK1)							Prepared: 1	12/21/22	Analyzed: 12/21/22
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.7		50.0		115	50-200			
LCS (2252034-BS1)							Prepared: 1	12/21/22	Analyzed: 12/21/22
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
urrogate: n-Nonane	54.0		50.0		108	50-200			
LCS Dup (2252034-BSD1)							Prepared: 1	12/21/22	Analyzed: 12/21/22
Diesel Range Organics (C10-C28)	276	25.0	250		111	38-132	0.949	20	
urrogate: n-Nonane	55.1		50.0		110	50-200			

Chloride

LCS Dup (2252040-BSD1)

Prepared: 12/21/22 Analyzed: 12/22/22

20

QC Summary Data

EOG Resources 104 South 4th Street		Project Name: Project Number:	19	Ocotillo ACI Fed # 1 19034-0016					Reported:
Artesia NM, 88210		Project Manager	: G	reg Crabtree				12	/29/2022 10:55:04AM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2252040-BLK1)							Prepared: 1	2/21/22 Ana	alyzed: 12/22/22
Chloride	ND	20.0							
LCS (2252040-BS1)							Prepared: 1	2/21/22 Ana	alyzed: 12/22/22
Chloride	255	20.0	250		102	90-110			

250

101

90-110

0.629

254

20.0

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.



Project In	formation					Chain of Custody												Page <u> </u>	of _
Client:	EOG			S	Bill To		30 P. S.	gray.	Lz	b Us	se On	lv 🦿		§:		TAT	<u> </u>	EPA P	rograr
	Ocotillo ACI F	ED #1			Attention:		lab	WO#				Numl) 2D		Standard	CWA	SDV
	lanager: Gre		ee	F7	Address:		F	217	14				0016	ं∣⋝					
Address:					City, State, Zip								d Met		 		280		RC
City, State	e, Zip				Phone:														
Phone:				<u> </u>	Email:		55	13				li	ŀ	- [ł	1		State	
Email: /	All Enviro				\$		8	&	;;	٥	ا ا	300.0		- {		1	NM CO	UT AZ	TX
Report du	ue by:	 			*		ไซ็	ğ	80	826	601	e 30				1 1			
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						Remarks	1
12:06	12/20/2022	S	1		SB1 @ 5'	\$ 5% 	X	Х	Х			X							
12:47	12/20/2022	S	1		SB1 @ 6'		X	х	х			х							
13:18	12/20/2022	S	1		SB1 @ 7'		х	х	х			х							
							:												
						Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Sa												_	
													\top						
			!			38 34 5 6 6 7 6 6 1 6 7 6 6 1													
date or time	of collection is co	onsidered fra	authenticity	OSKED TO of this sample. I am aw be grounds for legal acti		ustn touti	<u></u>				packed	l in ice at	an avg t	mp abo	ve 0 but le	ess than 6 °	ived on ice the day C on subsequent da	ys.	
Sast	ed by: (Signatur ed by: (Signatur	19	Date Date	121122 18:1	Received by: (Signature) Received by: (Signature)	Date Date		Time 10	:0C				on Ice		Lab U V N	se Only	/ Annual Company		
Relinquishe	ed by: (Signatur	e)	Date	Time	Received by: (Signature)	Date		Time			AVG	Tem	p°C_	ų				Age 15 Ni	
		tid 6- 51		ous, O - Other		Container	r Tyne	o. a - c	rlass	n - n				her a	lace v.	VOA			



Printed: 12/29/2022 10:52:04AM

Envirotech Analytical Laboratory

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.

					<u> </u>		
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)			<u> </u>			
	Custody (COC)		Vos				
	te sample ID match the COC? The number of samples per sampling site location match	h the COC	Yes				
	amples dropped off by client or carrier?	on the COC	Yes Yes	a :	A 45 F		
	e COC complete, i.e., signatures, dates/times, request	ad analyses?	Yes	Carrier	: <u>Austin Foutz</u>		
	Il samples received within holding time?	ed analyses:	Yes				
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	•	165			Comment	s/Resolution
Sample T	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	Cooler						
	ample cooler received?		Yes				
	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?		NA				
•	e sample received on ice? If yes, the recorded temp is 4°C, i	- 601200					
	Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes				
13. If no v	risible ice, record the temperature. Actual sample t	temperature: 4°C	<u> </u>				
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum infor	mation:	37				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes Yes				
_	reservation		165				
	the COC or field labels indicate the samples were pre	eserved?	No				
	imple(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved me	etals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multiphas	e?	No				
	does the COC specify which phase(s) is to be analyze		NA				
•		Ecu.	INA				
	act Laboratory						
	imples required to get sent to a subcontract laborator, subcontract laboratory specified by the client and if		No NA	Subcontract L	ab: na		
Client In	struction						

Date

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 reguarding 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

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Cell: 775-287-1762

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ljarboe@envirotech-inc.com

Technical Representative Office: 505-421-LABS(5227)

Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Donoutoda
104 South 4th Street	Project Number:	19034-0016	Reported:
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.



EOG ResourcesProject Name:Ocotillo ACI Fed # 1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree12/29/2022 12:48:06PM

SB2 @ 2' E212124-01

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	Y		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	A	Analyst: I	Y		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	A	Analyst: J	L		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	A	Analyst: I	RAS		Batch: 2252040
Chloride	30.4	20.0	1		12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB6 @ 2'

		E212124-02					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	: ЛL		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	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB4 @ 2' E212124-03

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: RAS		Batch: 2252040
Chloride	51.5	20.0		12/21/22	12/22/22	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB3 @ 2' E212124-04

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
maye		Lillit			•	Allalyzed	
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	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB5 @ 2' E212124-05

		E212124-03				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
· ·				Analyst: IY	7.11117,200	Batch: 2252049
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg			10/00/00	Batcn: 2232049
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	Α	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	A	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	Α	Analyst: RAS		Batch: 2252040
Chloride	132	20.0	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB2 @ 4' E212124-06

		E212124-00					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2252049
Benzene	ND	0.0250	1	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	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	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	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	119	50.0	1	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	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB3 @ 4' E212124-07

		E212124-07					
Analista	Result	Reporting Limit		ıtion	Duamanad	Amakuzad	Notes
Analyte	Kesuit	Limit	Dilu	ition	Prepared	Analyzed	inotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2252049
Benzene	ND	0.0250	1	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	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	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	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	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	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB2 @ 5' E212124-08

		E212124-00				
Analyte	Result	Reporting Limit	Dilut	tion Prepare	d Analyzed	Notes
· ·				Analyst: IY	d /maryzed	Batch: 2252049
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg				Batch: 2232049
Benzene	ND	0.0250	I	12/22/2		
Ethylbenzene	ND	0.0250	1	12/22/2		
Toluene	ND	0.0250	1	12/22/2		
o-Xylene	ND	0.0250	1	12/22/2	2 12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/2	2 12/22/22	
Total Xylenes	ND	0.0250	1	12/22/2	2 12/22/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130	12/22/2	2 12/22/22	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	12/22/2	2 12/22/22	
Surrogate: Toluene-d8		104 %	70-130	12/22/2	2 12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2252049
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/2	2 12/22/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130	12/22/2	2 12/22/22	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	12/22/2	2 12/22/22	
Surrogate: Toluene-d8		104 %	70-130	12/22/2	2 12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2252034
Diesel Range Organics (C10-C28)	29.3	25.0	1	12/21/2	2 12/22/22	
Oil Range Organics (C28-C36)	59.6	50.0	1	12/21/2	2 12/22/22	
Surrogate: n-Nonane		112 %	50-200	12/21/2	2 12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2252040
Chloride	23.6	20.0	1	12/21/2	2 12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB2 @ 6' E212124-09

Analyte	Result	Reporting Limit	Dilu	ition	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilu	шоп	Frepared	Anaiyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2252049
Benzene	ND	0.0250	1	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	l	12/22/22	12/22/22	
Toluene	ND	0.0250	1	l	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	l	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	l	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	l	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	l	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	ĺ	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	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB3 @ 3' E212124-12

		Reporting					
Analyte	Result	Limit	Dilı	ution	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:	ЛL		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
					12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB7 @ 2' E212124-14

		L212124-14					
	D 1	Reporting					N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2252049
Benzene	ND	0.0250	1	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	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	l	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	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	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	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB8 @ 2'

		E212124-15					
		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	12/22/22	12/22/22	
Toluene	ND	0.0250	1	l	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	l	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	l	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	l	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	l	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:	ЛL		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	l	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	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/29/2022 12:48:06PM

SB9 @ 2' E212124-16

		121212T-10				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
,				1	7 mary 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: RAS		Batch: 2252040
Chloride	43.6	20.0	1	12/21/22	12/22/22	



EOG ResourcesProject Name:Ocotillo ACI Fed # 1104 South 4th StreetProject Number:19034-0016Reported:Artesia NM, 88210Project Manager:Greg Crabtree12/29/2022 12:48:06PM

SB10 @ 2' E212124-17

		221212117				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
				1	Amaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	6 6		nalyst: 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	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	A	nalyst: 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	A	nalyst: RAS		Batch: 2252040
Chloride	40.8	20.0	1	12/21/22	12/22/22	



QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/29/2022 12:48:06PM

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree					12/29/2022 12:48:06PN
	Vo	olatile Organ	ic Compo	unds by EP	A 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2252049-BLK1)							Prepared: 12	2/22/22 A	nalyzed: 12/22/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,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	2/22/22 A	nalyzed: 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			
o,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	2/22/22 A	nalyzed: 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	
Foluene	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	
o,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			

0.500

0.495

70-130



Surrogate: Toluene-d8

QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/29/2022 12:48:06PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Anal	

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

Blank (2252049-BLK1)						Prepared: 12	2/22/22 A	Analyzed: 12/22/22
Gasoline Range Organics (C6-C10)	ND	20.0				1		
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	2/22/22 <i>F</i>	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	2/22/22 <i>F</i>	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

Artesia NM, 88210		Project Manager	r: Gr	eg Crabtree				12	/29/2022 12:48:06PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N.
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2252034-BLK1)							Prepared: 1	2/21/22 Ana	alyzed: 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: 1	2/21/22 Ana	alyzed: 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: 1	2/21/22 Ana	alyzed: 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			

LCS Dup (2252040-BSD1)

Chloride

254

Prepared: 12/21/22 Analyzed: 12/22/22

20

QC Summary Data

EOG Resources 104 South 4th Street		Project Name: Project Number:	19	cotillo ACI Fe	d#1			12/	Reported:
Artesia NM, 88210		Project Manager:	: G	reg Crabtree				12/.	29/2022 12:48:06PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2252040-BLK1)						I	Prepared: 1	2/21/22 Ana	yzed: 12/22/22
Chloride	ND	20.0							
LCS (2252040-BS1)						I	Prepared: 1	2/21/22 Ana	lyzed: 12/22/22
Chloride	255	20.0	250		102	90-110			

250

20.0

101

90-110

0.629

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	
١	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	Cust	tody

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Client:	EOG					Bill To		i		La	ab Us	e On	ly.					TA	AΤ		EPA P	ogram
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Sampled	Date Sampled	Matrix	Containers	Sample ID			Number	DRO/ORO	GRO/DRO by 8015	втех _{by} 8021	VOC by 8260	Metals 6010	Chloride 300.0	8							Remarks	
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l, (field sampl	er), attest to the	validity and a	authenticity	of this sample. I	am aware	that tampering with or intentionally mislabelli	ng the sample I	ocation				Samples	s requir	ing ther	rnal pre	servati	ion mus	t be rec	eived or	ice the day th	ev are sample	d or received
date or time o	of collection is co	nsidered frau	d and may t	e grounds for le	al action.	Sampled by: AUST	n Fou	łz	•											ubsequent day		
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Sample Matrix	:: S - Soil, Sd - Sol	id, Sg - Slude	e, A - Aqueo	us. O - Other			Containe	r Type		lacc					mher	glac	C V a	VOA	17		-	
Vote: Sample	es are discarde	d 30 days a	fter results	are reported u	nless oth	per arrangements are made. Hazardous s	amples will be	retur	ned to	client	t or di	sposed	d of at	t the c	lient e	Sypen	se. T	he ren	ort fo	r the analys	is of the ab	iove
amples is ap	plicable only to	those san	nples receiv	ed by the labo	ratory w	ith this COC. The liability of the laboratory	is limited to t	he am	ount o	aid fo	r on t	he rep	ort.	•								



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Project Ir	nformation						Chain	of Custody													Page <u>2</u>	of 2
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Sampled	Date Sampled		4	No. of Containers	Sample IC			Lab Number	DRO/ORO by	GRO/DRO by 8015	втех _{by} 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDGOC						Remarks	
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(field samp	ler), attest to th of collection is c	e validity a	nd av fraud	thenticity o	of this sampl	e. I am aware	that tampering with or intentionally mislabellin	ng the sample lo	cation,			S	iamples	require	g thermal	oreservati	on must	t be rece	wed on	ice the day the	ney are sample	d or received
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mples is a	pplicable only	to those:	samp	ites receiv	ed by the la	aboratory wit	th this COC. The liability of the laboratory i	is limited to th	e amo	unt pa	id for	on th	e repo	ort.		p-uiii	''			are analys	no or the at	,,,,,



envirotech Inc.

Printed: 12/22/2022 2:33:42PM

Envirotech Analytical Laboratory

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)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: A	Austin Foutz		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted is i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
	CONTRACTOR OF THE CONTRACTOR O		7.7				
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C			37				
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 1	<u> </u>				
Sample C	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	· · ·	ners conceted:	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	JIIIIIIIIII	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample P	reservation_						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	rv?	No				
	subcontract laboratory specified by the client and i	•	NA	Subcontract Lab	· NA		
	• • •			Successive Eur			
Chent ir	<u>astruction</u>						

Date

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

Client:		77																						
Project: (mi	OG	TE	=	14 i			Bill To		1	-y/1		ab Us							TA			EPA P	rogram
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Address:	Idilas	EI. CTV	Eg LV	UI	re			Address:		E	112	17				1-0016								
City, Stat	_							City, State, Zip Phone:		-				Analy	ysis a	nd Metho	od	_						RCRA
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Report du	ue by	1) ph) by	3021	260	010	300.	Q						2 0	UI AZ	
Time	Date 5	sampled	Matrix		No. of	Sample ID			Lab	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	ВРСОС								
Sampled				Co	ontainers	Sample 1D			Number	- PR	GRO	BTE	Š	Met	퓽	В							Remarks	
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10:07						ALLEGA DATE OF	3@2		Į Ų												-	SB		Diaxe
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10:56	-1			_			3@4											1						
11:31							205		8															
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Additiona	Inst	ruction	s:																					
l, (field sample date or time o	er), atte	est to the	validity and	auth	enticity o	of this sample.	. I am awar	e that tampering with or intentionally mislabell Sampled by: A US+	ng the sample le	ocation			100	100000000000000000000000000000000000000		ring thermal								d or received
Relinguished	by: (5	ignature) /	30 01	Date	T	ime	Received by: (Signature)	Date	1	Time		_							Only		.,,		
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				-	<u> </u>									AVG	Tem	p°C	T							
Sample Matrix	: 5 - Soi	l, Sd - Sol	id, Sg - Slud	ge, A	- Aqueo	us, O - Other			Containe	r Type	2: g - g	glass,	p - po	oly/pl	astic,	ag - amb	er g	lass,	, v - V	/OA				
samples is an	plicab	le only t	those sa	after	results	are reported	d unless of	ther arrangements are made. Hazardous with this COC. The liability of the laborators	samples will be	e retui	ned to	clien	t or di	spose	d of a	t the clien	it exp	oense	e. Th	e repo	ort for th	he analys	is of the al	oove
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Project N	Manager: Go	eg Crok	ofvee			Address:		F	17	121	4	174	63	4-00	161	X	20	טכ	316	illuaru	CVVA	SDWA
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City, Stat	e, Zip					Phone:										n y						V
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I, (field samp	ler), attest to the	validity and	authenticity	of this sample	e. I am awar	e that tampering with or intentionally mislabelling	the sample lo	cation,													cy are sampled	or received
	of collection is co		Date	be grounds fo			T					packed	in sce a	t an avg t	emp al	- WARRY				bsequent day:		
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Relinquishe	d by: (Signature	e)	Date		Time	Received by: (Signature)	Date		Time			11			u	12			_ 1	'3		
Sample Matr	ix: S - Soil Sd - Sa	tid Se-Shed	ge A. Anua	us O. Oib			Contri	_				AVG										
Note: Samp	ix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ples are discarded 30 days after results are reported unless other arrangements are made. Hazardou							rotus	g - gl	ass, p	- po	ly/pla	stic,	ag - ar	nber	glass	, v - \	VOA				
samples is a	pplicable only	to those sai	moles recei	- Aqueous, O - Other Container Type: g - glass, results are reported unless other arrangements are made. Hazardous samples will be returned to client es received by the Jaboratory with this COC. The liability of the Jaboratory is limited to the amount point								hozed	1 Ot 91	the Cli	ent e	xpens	se. Ti	ne rep	ort for	the analys	is of the ab	ove



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 reguarding 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

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Sample Summary

	EOG Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:
١	104 South 4th Street	Project Number:	19034-0016	Reported.
	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.



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

SB8 @ 3' E212122-01

	E212122-01				
Reporting					
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: SL		Batch: 2252048
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0500	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
	95.7 %	70-130	12/22/22	12/22/22	
mg/kg	mg/kg	Analy	st: SL		Batch: 2252048
ND	20.0	1	12/22/22	12/22/22	
	93.0 %	70-130	12/22/22	12/22/22	
mg/kg	mg/kg	Analy	st: JL		Batch: 2252035
94.6	25.0	1	12/21/22	12/22/22	
82.2	50.0	1	12/21/22	12/22/22	
	113 %	50-200	12/21/22	12/22/22	
/1	ma o /1 co	Analy	st: RAS		Batch: 2252041
mg/kg	mg/kg	Allary	3t. IO ID		Datell. 2232071
	mg/kg ND ND ND ND ND ND ND ND ND Property of the second se	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 95.7 % mg/kg mg/kg mg/kg ND 20.0 93.0 % mg/kg mg/kg mg/kg 94.6 25.0 82.2 50.0	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 mg/kg mg/kg Analy ND 20.0 1 93.0 % 70-130 70-130 mg/kg mg/kg Analy 94.6 25.0 1 82.2 50.0 1	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 12/22/22 ND 0.0250 1 12/22/22 ND 0.0250 1 12/22/22 ND 0.0500 1 12/22/22 ND 0.0250 1 12/22/22 ND 0.0250 1 12/22/22 mg/kg mg/kg Analyst: SL ND 20.0 1 12/22/22 mg/kg mg/kg Analyst: JL 94.6 25.0 1 12/21/22 82.2 50.0 1 12/21/22	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 12/22/22 12/22/22 ND 0.0250 1 12/22/22 12/22/22 ND 0.0250 1 12/22/22 12/22/22 ND 0.0500 1 12/22/22 12/22/22 ND 0.0250 1 12/22/22 12/22/22 ND 0.0250 1 12/22/22 12/22/22 mg/kg mg/kg Analyst: SL ND 12/22/22 12/22/22 mg/kg mg/kg Analyst: SL ND 12/22/22 12/22/22 12/22/22 mg/kg mg/kg Analyst: JL 12/22/22 12/22/22 12/22/22 mg/kg mg/kg Analyst: JL 1 12/21/22 12/22/22 12/22/22 82.2 50.0 1 12/21/22 12/21/22 12/22/22



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

SB8 @ 4' E212122-02

		EZ1Z1ZZ-UZ				
Aughte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	i Frepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		98.6 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		98.7 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2252041
Chloride	30.8	20.0	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

SB8 @ 5'

		E212122-03				
Reporting						
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		107 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.6 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		101 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2252041
Chloride	22.9	20.0	1	12/21/22	12/22/22	·



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

SB8 @ 6' E212122-04

		E212122-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		108 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		106 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2252041
Chloride	31.6	20.0	1	12/21/22	12/22/22	



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

SB8 @ 7' E212122-05

	1212122-03				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	llyst: SL		Batch: 2252048
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
ND	0.0500	1	12/22/22	12/22/22	
ND	0.0250	1	12/22/22	12/22/22	
	108 %	70-130	12/22/22	12/22/22	
mg/kg	mg/kg	Ana	llyst: SL		Batch: 2252048
ND	20.0	1	12/22/22	12/22/22	
	100 %	70-130	12/22/22	12/22/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2252035
1020	25.0	1	12/21/22	12/22/22	
993	50.0	1	12/21/22	12/22/22	
	104 %	50-200	12/21/22	12/22/22	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2252041
	mg/kg ND ND ND ND ND ND ND ND ND ND 1020	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 108 % mg/kg ND 20.0 100 % mg/kg mg/kg mg/kg 1020 25.0 993 50.0	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 108 % 70-130 mg/kg mg/kg Ana ND 20.0 1 100 % 70-130 mg/kg mg/kg mg/kg Ana 1020 25.0 1 993 50.0 1	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 12/22/22 ND 0.0250 1 12/22/22 ND 0.0250 1 12/22/22 ND 0.0250 1 12/22/22 ND 0.0500 1 12/22/22 ND 0.0250 1 12/22/22 mg/kg Malyst: SL ND 12/22/22 mg/kg Analyst: SL ND 12/22/22 mg/kg mg/kg Analyst: JL 100 % 70-130 12/22/22 mg/kg mg/kg Analyst: JL 102/22/22 102 % 25.0 1 12/21/22 12/21/22 102/21/22 102/21/22 102/21/22 102/21/22 102/21/22 102/21/22 102/21/22 102/21/22 1 12/21/22 102/21/22 1 12/21/22 1 12/21/22 1 12/21/22 1 1 12/21/22 1 1	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 12/22/22 12/22/22 ND 0.0250 1 12/22/22 12/22/22 ND 0.0250 1 12/22/22 12/22/22 ND 0.0500 1 12/22/22 12/22/22 ND 0.0250 1 12/22/22 12/22/22 MD 0.0250 1 12/22/22 12/22/22 mg/kg mg/kg Analyst: SL ND 12/22/22 ND 20.0 1 12/22/22 12/22/22 mg/kg mg/kg Analyst: SL 100 % 70-130 12/22/22 12/22/22 mg/kg mg/kg Analyst: JL 102/22/22 12/22/22 12/22/22 mg/kg mg/kg Analyst: JL 1 12/21/22 12/22/22 1020 25.0 1 12/21/22 12/22/22 12/22



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

SB8 @ 8' E212122-06

		E212122-06				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Liinit	Dilution	rrepared	Ananyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		108 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		102 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2252041
Chloride	ND	20.0	1	12/21/22	12/22/22	·



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

EOG Resources	Project Name: Project Number:	Ocotillo ACI Fed # 1 19034-0016	Reported:
Artesia NM, 88210	Project Number: Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

Artesia NM, 88210		Project Manager:		eg Crabtree					12/22/2022 4:22:40PM
Volatile Organics by EPA 8021B Analyst: SL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2252048-BLK1)							Prepared: 12	2/22/22 A	nalyzed: 12/22/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,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	2/22/22 A	nalyzed: 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			
Foluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
o,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	2/22/22 A	nalyzed: 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	
o,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	



QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/22/2022 4:22:40PM

Nonhalogenate	ed Organic	s by EPA	8015D -	- GRO

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

Blank (2252048-BLK1)						Prepared: 12	2/22/22	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	2/22/22	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	2/22/22	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-fluorohenzene-FID	7 91		8.00	98.8	70-130			



QC Summary Data

EOG Resources 104 South 4th Street	Project Name: Project Number:	Ocotillo ACI Fed # 1 19034-0016	Reported:
Artesia NM, 88210	Project Number: Project Manager:	Greg Crabtree	12/22/2022 4:22:40PM

1	12/22/2022 4:22:40PM						
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL							
RPD Limit %	Notes						
2/21/22 A1	nalyzed: 12/21/22						
2/21/22 Aı	nalyzed: 12/21/22						
2/21/22 A1	nalyzed: 12/21/22						
20							
	2/21/22 Ar						

LCS Dup (2252041-BSD1)

Chloride

258

Prepared: 12/21/22 Analyzed: 12/22/22

20

QC Summary Data

EOG Resources 104 South 4th Street		Project Name: Project Number:	_	cotillo ACI Fe 9034-0016	ed # 1				Reported:
Artesia NM, 88210		Project Manager:	G	reg Crabtree					12/22/2022 4:22:40PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	A				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2252041-BLK1)							Prepared: 1	2/21/22 Aı	nalyzed: 12/22/22
Chloride	ND	20.0							
LCS (2252041-BS1)							Prepared: 1	2/21/22 Aı	nalyzed: 12/22/22
Chloride	252	20.0	250		101	90-110			

250

20.0

103

90-110

2.56

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.



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Project Information

Chain of Custody

	1		-1
Page		of	

Client:	FOG				Г	Bill To		1 -			h H	se Or	alse					TA	· · ·	Lenan	
	ocotillo		Fed #	<u>-[</u>	İ	Attention:		Lab WO# 127		30 0.	Job		her	_	1D	20	3D	Standard		rogram	
Project N	/Janager: டு	<u>rea Crab</u>	trec			Address:		F	バグ	12	7.	19	1720	(O)-L	16	V	20	30	Stanuaru	CWA	SDWA
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City, Stat	e, Zip					Phone:							1								X
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Report d	ue by:				L			ខ្លី	ខ្លឹ	80,	826	9	8		-		ļ		X		
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	BDGO	}					Remarks	<u></u>
8:18	12/21/29	5	1	SBEE	3	1	1														
8:56		S	1	SB8@	Ц		a														
9:15		S	1	SB8@	5		3													· · · · · · · · · · · · · · · · · · ·	
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Addition	al Instructio	ns:						1	!												
l, (field samp	oler), attest to the	e validity and a	authenticity o	of this sample. I am	aware	that tampering with or intentionally mislabelling t	he sample loc	ation,			-	iamples	requir	ing therir	nal pres	ervatio	n must	be rece	wed on ice the day t	ncy are sample	or received
	ed by: (Signatur		Date	Time		Received by: (Signature)	Date /	F	Time		=			an avg (ernp an			Only	C on subsequent day	s.	
9/11	27 / Nas	120	11		:12	JULIA	12/22/	22	10	$: \bigcirc ($	C	Recei	ived	on ice	e: /	N		. •,			ĺ
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Relinquishe	ed by: (Signatur	e)	Date	Time		Received by: (Signature)	Date	1	Time		7	1.1.	•		- <u> </u>				<u>T3</u>		
Sample Matr	rix: S - Soil, Sd - S	olid Se-Stude	e A · Anuer	us O - Other			Cambalas :					۱VG				<u></u>					
Note: Same	oles are discard	ed 30 davs a	fter results	are reported unit	ss oth	er arrangements are made. Hazardous sam	Container	ype:	g - gla	ass, p	- pol	y/pla	stic, a	ag - an	nber	glass,	v - V	OA			
samples is	applicable only	to those san	nples receiv	ed by the laborat	ory wi	th this COC. The liability of the laboratory is li	mited to the	amo	unt pa	id for	or ais on th	e rebo posea	or at	tne cli	ent ex	pense	≥. Th	e repo	rt for the analy:	is of the ab	ove



Printed: 12/22/2022 2:27:23PM

Envirotech Analytical Laboratory

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 1	0:00		Work Order ID:	E212122
Phone:	(575) 748-4217	Date Logged In:	12/21/22 1	6:25		Logged In By:	Caitlin Christian
Email:		Due Date:	12/22/22 1	7:00 (0 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?	on the coc	Yes	Comion A	ustin Fouts		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier: A	Austin Foutz		
	Il samples received within holding time?	nea analyses.	Yes				
o. Were a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103	·		Comment	s/Resolution
	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4 t	<u> </u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers')	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal		iers confecteur	105				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample I	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	act Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	v na		
		oo waa	1112	Subcontract Eac	,. nu		
Chent II	<u>nstruction</u>						

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 reguarding 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

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Cell: 775-287-1762

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Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

3 Resources	Project Name:	Ocotillo ACI Fed # 1	Reported:		
South 4th Street	Project Number:	19034-0016	Reported.		
esia NM, 88210	Project Manager:	Greg Crabtree	12/22/22 16:22		
	G Resources South 4th Street esia NM, 88210	South 4th Street Project Number:	South 4th Street Project Number: 19034-0016		

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.



EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:30PM

SB9 @ 3' E212123-01

		E212123-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: RAS		Batch: 2252040
Chloride	57.2	20.0	1	12/21/22	12/22/22	

EOG Resources	Project Name:	Ocotillo ACI Fed # 1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	12/22/2022 4:22:30PM

SB11 @ 2' E212123-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: SL		Batch: 2252048
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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		95.0 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2252040
Chloride	602	20.0	1	12/21/22	12/22/22	



Surrogate: 4-Bromochlorobenzene-PID

7.93

QC Summary Data

EOG Resources Project Name: Ocotillo ACI Fed # 1

104 South 4th Street Project Number: 19034-0016

Artesia NM, 88210 Project Manager: Greg Crabtree 12/22/2022 4:22:30PM

Artesia NM, 88210		Project Number: Project Manager		reg Crabtree					12/22/2022 4:22:30PM
		Volatile (Organics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2252048-BLK1)							Prepared: 12	2/22/22 A	nalyzed: 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	2/22/22 A	nalyzed: 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	2/22/22 A	nalyzed: 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	

8.00

99.2

70-130



QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Fed # 1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree12/22/2022 4:22:30PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: SL

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

Blank (2252048-BLK1)						Prepared: 12	2/22/22 A	nalyzed: 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	2/22/22 A	nalyzed: 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	2/22/22 A	nalyzed: 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

Artesia NM, 88210		Project Manager	r: Gr	eg Crabtree				1	2/22/2022 4:22:30PM
	Nonha	ogenated Or	ganics by l	EPA 8015I) - 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 (2252034-BLK1)							Prepared: 1	2/21/22 Ar	nalyzed: 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: 1	2/21/22 Ar	nalyzed: 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: 1	2/21/22 Ar	nalyzed: 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			

LCS Dup (2252040-BSD1)

Chloride

254

20.0

Prepared: 12/21/22 Analyzed: 12/22/22

20

90-110

0.629

QC Summary Data

EOG Resources	Project Name: Ocotillo ACI Fed # 1					Reported:				
104 South 4th Street Artesia NM, 88210		Project Number: Project Manager		9034-0016 freg Crabtree				12/22/2022 4:22:30PM		
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N.	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2252040-BLK1)						I	Prepared: 1	2/21/22 Ana	alyzed: 12/22/22	
Chloride	ND	20.0								
LCS (2252040-BS1)						I	Prepared: 1	2/21/22 Ana	alyzed: 12/22/22	
Chloride	255	20.0				90-110				

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.



Project Information

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Chain of Custody

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Client:	EOG					Bill To	-									_						
	Ollito	ACT	Fed #	FT	l								e On			╀		T/			Pro	gram
		Grea Cr	ahlvee			Attention: Address:			Lab	WO#	!	.	Job I			1 <u>D</u>	2D	3D	Standa	rd CW	Δ :	SDWA
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City, Stat						Phone:			<u> </u>				Analy	sis a	nd Metho	d						RCRA
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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	BI				`	Rema	ks	
7:53	12/21/22	5)	SI	396	23'		1							X							2
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Additiona	I Instruction	ns:					<u>-</u>			<u>l</u>				1		i		L L				
, (field samp	er), attest to the	validity and a	uthenticity	of this sample.	I am awar	e that tampering with or intentionally misl	labelling the	sample lee				- 14										
date or time	of collection is co	nsidered frau	d and may b	e grounds for	legal action	Sampled by:	morning tile	semple IOC	etiuii,				acked in	requiri n ice at	an ave temn	above 0	but les	s than 6'	ived on ice the 'C on subseque	day they are sar	ipled or	received
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	nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Contained					ntainer 1	tainer Type: g - glass n - poly/plastic ag - amber glass y VOA															
Note: Samp amples is =	ote: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples wil amples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to					s will be r	eturn	ed to a	lient.	or dis	hazaa	of at	the client	expen	se. T	he repo	ort for the a	nalysis of the	above	, 		
p.c3 13 0	PPHEODIC OINY (o mose salli	ibies (ereiv	en by the fat	JUI ALOTY W	nur uns COC. The hability of the labora	atory is limi	ted to the	amo	unt pa	id for	on th	e repo	ert.								



envirotech Inc.

Printed: 12/22/2022 2:30:18PM

Envirotech Analytical Laboratory

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)			
	Custody (COC)		V				
	ne sample ID match the COC? The number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?	ten the COC	Yes	a : .			
	e COC complete, i.e., signatures, dates/times, reque	stad analysess?	Yes Yes	Carrier: A	Austin Foutz		
	Il samples received within holding time?	sied alialyses:	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		103	1		Comment	s/Resolution
	Turn Around Time (TAT)		Yes				
	COC indicate standard TAT, or Expedited TAT?		ies				
Sample C			Voc				
	sample cooler received? was cooler received in good condition?		Yes				
•	· ·		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C				
Sample C		<u> </u>	<u>~</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	· · ·	ners conceted.	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	ary?	No				
	subcontract laboratory specified by the client and i	•	NA	Subcontract Lab	· NA		
	• • •	i so who.	1111	Subcontract Lab	, IVA		
Client Ir	<u>istruction</u>						

Date

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

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 reguarding 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

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Cell: 505-320-4759

ljarboe@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:	Reported:	
104 South 4th Street	Project Number:	19034-0016	Keporteu:
Artesia NM, 88210	Project Manager:	Greg Crabtree	01/24/23 12:28

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.



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB14 @ 5 ft E301115-01

	E501115-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY	·	Batch: 2304001
ND	0.0250	1	01/23/23	01/23/23	
ND	0.0250	1	01/23/23	01/23/23	
ND	0.0250	1	01/23/23	01/23/23	
ND	0.0250	1	01/23/23	01/23/23	
ND	0.0500	1	01/23/23	01/23/23	
ND	0.0250	1	01/23/23	01/23/23	
	104 %	70-130	01/23/23	01/23/23	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2304001
ND	20.0	1	01/23/23	01/23/23	
	98.4 %	70-130	01/23/23	01/23/23	
mg/kg	mg/kg	Analy	yst: KM		Batch: 2304002
62.9	25.0	1	01/23/23	01/23/23	
ND	50.0	1	01/23/23	01/23/23	
	89.0 %	50-200	01/23/23	01/23/23	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2304006
44.2	20.0	1	01/23/23	01/23/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID4 % mg/kg mg/kg mg/kg ND 20.0 98.4 % mg/kg mg/kg mg/kg ND 50.0 89.0 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy Mg/kg mg/kg Analy Mg/kg mg/kg Analy 62.9 25.0 1 ND 50.0 1 89.0 % 50-200 mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 01/23/23 ND 0.0250 1 01/23/23 ND 0.0250 1 01/23/23 ND 0.0250 1 01/23/23 ND 0.0500 1 01/23/23 ND 0.0250 1 01/23/23 mg/kg mg/kg Analyst: IV ND 20.0 1 01/23/23 mg/kg mg/kg Analyst: KM 62.9 25.0 1 01/23/23 ND 50.0 1 01/23/23 ND 50.0 1 01/23/23 ND 50.0 1 01/23/23 89.0 % 50-200 01/23/23 mg/kg Mg/kg Analyst: BA	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 ND 0.0500 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 MD 0.0250 1 01/23/23 01/23/23 mg/kg mg/kg Analyst: IY ND 20.0 1 01/23/23 01/23/23 mg/kg mg/kg Analyst: KM 62.9 25.0 1 01/23/23 01/23/23 ND 50.0 1 01/23/23 01/23/23 ND 50.0 1 01/23/23 01/23/23 89.0 % 50-200 01/23/23 01/23/23



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB13 @ 8 ft

		E301115-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	01/23/23	01/23/23	
Total Xylenes	ND	0.0250	1	01/23/23	01/23/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2304001
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		94.9 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2304006
Chloride	32.3	20.0	1	01/23/23	01/23/23	



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB13 @ 4 ft

E301	11	5	U3

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D 1		D".		D 1		NI 4
Kesult	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2304001
ND	0.0250	1		01/23/23	01/23/23	
ND	0.0250	1		01/23/23	01/23/23	
ND	0.0250	1		01/23/23	01/23/23	
ND	0.0250	1		01/23/23	01/23/23	
ND	0.0500	1		01/23/23	01/23/23	
ND	0.0250	1		01/23/23	01/23/23	
	104 %	70-130		01/23/23	01/23/23	
mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2304001
ND	20.0	1		01/23/23	01/23/23	
	97.4 %	70-130		01/23/23	01/23/23	
mg/kg	mg/kg	A	Analyst: I	KM		Batch: 2304002
91.2	25.0	1		01/23/23	01/23/23	
59.3	50.0	1		01/23/23	01/23/23	
		50.200		01/23/23	01/23/23	
	97.7 %	50-200		01/23/23	01/23/23	
mg/kg	97.7 % mg/kg		Analyst: I		01/23/23	Batch: 2304006
	ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 91.2	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 97.4 % mg/kg mg/kg mg/kg 91.2 25.0	Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 mg/kg mg/kg 1 97.4 % 70-130 1 mg/kg mg/kg 1 mg/kg mg/kg 1 91.2 25.0 1	Result Limit Dilution mg/kg mg/kg Analyst: 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg Analyst: 1 97.4 % 70-130 mg/kg mg/kg Analyst: 1 mg/kg mg/kg Analyst: 1 91.2 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 01/23/23 ND 0.0250 1 01/23/23 ND 0.0250 1 01/23/23 ND 0.0250 1 01/23/23 ND 0.0500 1 01/23/23 ND 0.0250 1 01/23/23 mg/kg mg/kg Analyst: IY ND 20.0 1 01/23/23 mg/kg mg/kg Analyst: KM 91.2 25.0 1 01/23/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 ND 0.0500 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 ND 0.0250 1 01/23/23 01/23/23 mg/kg mg/kg Analyst: IY ND 20.0 1 01/23/23 01/23/23 97.4 % 70-130 01/23/23 01/23/23 mg/kg mg/kg Analyst: KM 91.2 25.0 1 01/23/23 01/23/23



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB13 @ 5 ft

		E301115-04				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2304001
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		93.8 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2304006
Chloride	34.4	20.0	1	01/23/23	01/23/23	



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB14 @ 8 ft

		E301115-05				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2304001
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: 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	
Surrogate: n-Nonane		83.6 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: BA		Batch: 2304006
Chloride	44.8	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB13 @ 6 ft

		E301115-06					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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		
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/23/23	01/23/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2304001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	01/23/23	01/23/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		
Surrogate: n-Nonane		86.0 %	50-200	01/23/23	01/23/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: BA		Batch: 2304006	
Chloride	29.4	20.0	1	01/23/23	01/23/23		



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB14 @ 6 ft

		E301115-07				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2304001
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.2 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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	
Surrogate: n-Nonane		88.6 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2304006
Chloride	49.6	20.0	1	01/23/23	01/23/23	



Sample Data

EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB14 @ 7 ft

		E301115-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2304001
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/23	01/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: n-Nonane		100 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: BA		Batch: 2304006
Chloride	49.4	20.0	1	01/23/23	01/23/23	



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB14 @ 4 ft

		E301115-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		101 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2304006
Chloride	39.6	20.0	1	01/23/23	01/23/23	



EOG Resources	Project Name:	Ocatillo	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/24/2023 12:28:29PM

SB12 @ 3 ft

		E301115-10				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	01/23/23	01/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		101 %	50-200	01/23/23	01/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2304006
Chloride	34.3	20.0	1	01/23/23	01/23/23	



QC Summary Data

Ocatillo **EOG Resources** Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2304001-BLK1) Prepared: 01/23/23 Analyzed: 01/23/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 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 4.87 97.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.24 0.0250 5.00 105 70-130 5.29 0.0250 5.00 106 70-130 Toluene 5.42 108 o-Xylene 0.0250 5.00 70-130 10.6 10.0 106 70-130 0.0500 p.m-Xvlene 107 70-130 16.0 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.14 Matrix Spike (2304001-MS1) Source: E301114-04 Prepared: 01/23/23 Analyzed: 01/23/23 4.65 0.0250 5.00 ND 93.0 54-133 Benzene ND 61-133 Ethylbenzene 5.00 0.0250 5.00 100 Toluene 5.04 0.0250 5.00 ND 101 61-130 ND 103 63-131 5.16 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 15.3 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.07 8.00 Matrix Spike Dup (2304001-MSD1) Source: E301114-04 Prepared: 01/23/23 Analyzed: 01/23/23 4.66 0.0250 5.00 ND 93.3 54-133 0.248 20

ND

ND

ND

ND

ND

100

101

104

102

102

102

5.00

5.00

5.00

10.0

15.0

8.00

5.01

5.05

5.18

10.2

15.3

8.12

0.0250

0.0250

0.0250

0.0500

0.0250

61-133

61-130

63-131

63-131

63-131

70-130

0.106

0.234

0.314

0.218

0.251

20

20

20

20

20



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree				1/2	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
Blank (2304001-BLK1)							Prepared: 0	1/23/23 Ana	lyzed: 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: 0	1/23/23 Ana	lyzed: 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:	E301114-0)4	Prepared: 0	1/23/23 Ana	lyzed: 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:	E301114-0)4	Prepared: 0	1/23/23 Ana	lyzed: 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

Artesia NM, 88210		Project Manage	r: Gr	eg Crabtree					1/24/2023 12:28:29PN
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2304002-BLK1)							Prepared: 0	1/23/23 A	nalyzed: 01/23/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.4		50.0		101	50-200			
LCS (2304002-BS1)							Prepared: 0	1/23/23 A	nalyzed: 01/23/23
Diesel Range Organics (C10-C28)	212	25.0	250		84.8	38-132			
urrogate: n-Nonane	42.2		50.0		84.3	50-200			
Matrix Spike (2304002-MS1)				Source:	E301115-0)5	Prepared: 0	1/23/23 A	nalyzed: 01/23/23
Diesel Range Organics (C10-C28)	209	25.0	250	ND	83.5	38-132			
urrogate: n-Nonane	41.9		50.0		83.8	50-200			
Matrix Spike Dup (2304002-MSD1)				Source:	E301115-0)5	Prepared: 0	1/23/23 A	nalyzed: 01/23/23
Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.1	38-132	5.40	20	
urrogate: n-Nonane	42.5		50.0		85.0	50-200			



QC Summary Data

EOG Resources		Project Name:		catillo					Reported:
104 South 4th Street Artesia NM, 88210		Project Number: Project Manager:		9034-0016 Freg Crabtree					1/24/2023 12:28:29PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2304006-BLK1)							Prepared: 0	1/23/23	Analyzed: 01/23/23
Chloride	ND	20.0							
LCS (2304006-BS1)							Prepared: 0	1/23/23	Analyzed: 01/23/23
Chloride	241	20.0	250		96.4	90-110			
Matrix Spike (2304006-MS1)				Source:	E301114-0)1	Prepared: 0	1/23/23	Analyzed: 01/23/23
Chloride	239	40.0	250	ND	95.6	80-120			
Matrix Spike Dup (2304006-MSD1)				Source:	E301114-0)1	Prepared: 0	1/23/23	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

ſ	EOG Resources	Project Name:	Ocatillo	
l	104 South 4th Street	Project Number:	19034-0016	Reported:
l	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.



Released to Imaging: 3/15/2024 3:07:51 PM

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Page 472 of 505

Client: EC	OG					Bill	То		Lak	Use O	nly				T	AT	EPA P	rogram
Project: 0					<u>Att</u>	ention:		Lab	WO#		Num			D 2D	3D	Standard	CWA	SDWA
	<u> Manager:</u> Gre	g Crabtre	e		Add	dress:		E	301115		1903	4-0016		Х		100 9:30		
Address:					City	, State, Zip				Ana	lysis a	nd Met	hod					RCRA
City, Stat	e, Zip				Pho	one:												
Phone:					<u>Em</u>	ail:											State	
Email: Al	l Enviro															NM CO	UT AZ	TX
Report d	ue by:															×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Numbe	BDGOC									Remarks	
15:16	1/18/2023	S	1	SB14 @ 5 ft			ı	x										
12:50	1/18/2023	S	1	SB13 @ 8 ft			2	x										
9:46	1/18/2023	S	1	SB13 @ 4 ft			3	х										
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	х										
15:44	1/18/2023	S	1	SB14 @ 6 ft			7	х										
16:07	1/18/2023	S	1	SB14 @ 7 ft			8	х										
14:48	1/18/2023	S	1	SB14 @ 4 ft			9	х										T _a
14:02	1/17/2023	S	1	SB12 @ 3 ft		Filler	10	х										T II
Addition	al Instructio	ns:																
				of this sample. I an			nally mislabelling the sample l									ceived on ice the da 6 °C on subsequent o		ed or received
	ed by: (Signatur		Date	Time		Received by: (Signature	Date	b	Time	5 Pac	oivoc	l on ice	. (Lab L	lse On	ly		
Relinquish	ed by: (Signatur	·e)	Date	Time		Received by: (Signature		462	Time		eivet	on ice		Ο,		T7		
Relinquish	ed by: (Signatur	e)	Date	Time		Received by: (Signature	Date		Time	T1		. 00	I Y	,		<u>T3</u>		
		11.1.6. 61	ELECTION WINDOW	0.00			Cantalan	. T	n. a. al			np °C_	,	1	V/C 4			
	rix: S - Soil, Sd - So								e: g - glass, p									v.199.170
							Hazardous samples will be					t the clie	ent ex	bense.	ine rep	ort for the anal	ysis of the ab	ove

envirotech Inc.

Printed: 1/20/2023 4:12:53PM

Envirotech Analytical Laboratory

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.

Cleam b GOV Resources Date Recoved 012023 1665 Work Order 10 Fill 15 Phome (\$75) 768-417 Date logged in Date logged Date Date Phome (\$75) 768-417 Date Date Date Date Date Phome (\$75) 768-417 Date D		•			•	-			
Para in Count of Co	Client:	EOG Resources	Date Received:	01/20/23 1	6:05		Work Order ID:	E301115	
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Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client to carrier? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes 4. Was the COC complete, i.e., signatures, dates/miss, requested in the field, i.e. is minute hold time, are not included in this discussion. Yes 5. Note: Analysis, such as pit which should be conducted in the field, i.e. is intended time, are not included in this discussion. Yes 5. Does the COC indicate standard TMT, or Expedited TMT? Yes 7. Was a sample cooler received? Yes 8. Hyse, was cooler received? Yes 8. Hyse, was cooler received in good condition? Yes 8. Hyse, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 9. Was the sample received in its of required, if samples are received win 15 minutes of sampling Yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received win 15 minutes of sampling Yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received win 15 minutes of sampling Yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received win 15 minutes of sampling Yes Note: Thermal preservation Yes	Email:		Due Date:	01/23/23 1	7:00 (1 day TAT)				
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20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 7. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA			ners concerca.	105					
Sample ID? Date/Time Collected? Collectors name? 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? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 7. 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 Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA			ormation:						
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 filteration 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				Yes					
Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Is lab filteration required and/or requested for dissolved metals? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA	D	ate/Time Collected?		Yes					
21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Is lab filteration required and/or requested for dissolved metals? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? NO Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? NO NO NO Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA	C	ollectors name?		Yes					
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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	24. Is lab	filteration required and/or requested for dissolved r	netals?	No					
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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	27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA					
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	Subcontr	act Laboratory							
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA			nrv?	No					
			-		Subcontract Lab	n NA			
Chent Instruction					Subcontract Eat	J. 1411			
	Client Ir	<u>istruction</u>							

Date

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

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 reguarding 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

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Cell: 775-287-1762

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ljarboe@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

EOG Resources	Project Name:	Ocotillo ACI Federal #1	Donoutode
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	01/26/23 15:31

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.



EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 10 Ft E301125-01

	E301123-01				
Result			n Prepared	Analyzed	Notes
		Δ	•	<u> </u>	D (1. 2204025
		Alla			Batch: 2304025
ND	0.0250	1			
ND	0.0250	1	01/25/23	01/26/23	
ND	0.0250	1	01/25/23	01/26/23	
ND	0.0250	1	01/25/23	01/26/23	
ND	0.0500	1	01/25/23	01/26/23	
ND	0.0250	1	01/25/23	01/26/23	
	97.0 %	70-130	01/25/23	01/26/23	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2304025
ND	20.0	1	01/25/23	01/26/23	
	94.5 %	70-130	01/25/23	01/26/23	
mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2304033
31.8	25.0	1	01/26/23	01/26/23	
ND	50.0	1	01/26/23	01/26/23	
	86.5 %	50-200	01/26/23	01/26/23	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2304028
ND	20.0	1	01/25/23	01/26/23	
	ND ND ND Mg/kg ND mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 mg/kg mg/kg mg/kg mg/kg MD 20.0 94.5 % mg/kg MD 50.0 86.5 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 97.0 % 70-130 70-130 mg/kg mg/kg And ND 20.0 1 94.5 % 70-130 70-130 mg/kg mg/kg And ND 50.0 1 86.5 % 50-200 mg/kg mg/kg And	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/25/23 ND 0.0250 1 01/25/23 ND 0.0250 1 01/25/23 ND 0.0500 1 01/25/23 ND 0.0250 1 01/25/23 MD 0.0250 1 01/25/23 mg/kg mg/kg Analyst: SL ND 20.0 1 01/25/23 mg/kg mg/kg Analyst: RAS 31.8 25.0 1 01/26/23 ND 50.0 1 01/26/23 ND 50.0 1 01/26/23 Mg/kg Mg/kg Analyst: BA	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/25/23 01/26/23 ND 0.0250 1 01/25/23 01/26/23 ND 0.0250 1 01/25/23 01/26/23 ND 0.0500 1 01/25/23 01/26/23 ND 0.0250 1 01/25/23 01/26/23 ND 0.0250 1 01/25/23 01/26/23 Mg/kg mg/kg Analyst: SL ND 01/26/23 Mg/kg mg/kg Analyst: SL ND 01/26/23 Mg/kg mg/kg Analyst: RAS 01/26/23 01/26/23 Mg/kg mg/kg Analyst: RAS 01/26/23 01/26/23 Mg/kg mg/kg Analyst: BA 01/26/23 01/26/23



EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 12.5 Ft

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		98.4 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		82.3 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2304028



EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 15. Ft

E30		

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		97.2 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	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		94.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		82.0 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2304028
	ND	20.0		01/25/23	01/26/23	



EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 17.5 Ft

		E301125-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
o,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		97.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		78.3 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2304028
Chloride	ND	20.0	1	01/25/23	01/26/23	



Chloride

Sample Data

EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 20 Ft

		E301125-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: n-Nonane		82.2 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2304028

200

ND

10

01/25/23

01/26/23



Chloride

Sample Data

EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 30 Ft

		_				
		E301125-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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		98.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		76.9 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2304028

200

ND

10

01/25/23

01/26/23



EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 40 Ft

		E301125-07				
		Reporting				
Analyte	Result	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		101 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		84.9 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 50 Ft

E301125-08							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		101 %	70-130	01/25/23	01/26/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2304025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	01/25/23	01/26/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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		
Surrogate: n-Nonane		107 %	50-200	01/26/23	01/26/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2304028	
Chloride	ND	200	10	01/25/23	01/26/23		



Sample Data

EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 60 Ft

		E301125-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		102 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		106 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2304028
Chloride	ND	200	10	01/25/23	01/26/23	



EOG Resources	Project Name:	Ocotillo ACI Federal #1	
104 South 4th Street	Project Number:	19034-0016	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	1/26/2023 3:31:39PM

SB-8 @ 70 Ft

E301125-10

		. .				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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		104 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2304025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		102 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2304028
<u> </u>	ND	200	10	01/25/23	01/26/23	



Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

104 South 4th Street Artesia NM, 88210		Project Number: Project Manager:		34-0016 eg Crabtree				1/	/26/2023 3:31:39PM
Volatile Organics by EPA 8021B Analyst: S									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2304025-BLK1)						1	Prepared: 0	1/25/23 Ana	alyzed: 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: 0	1/25/23 Ana	alyzed: 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: 0	1/25/23 Ana	alyzed: 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	
	111		150		0.7.6	50.120	10.0	20	

15.0

8.00

70-130

70-130

10.2

20

14.6

7.52

0.0250



QC Summary Data

EOG ResourcesProject Name:Ocotillo ACI Federal #1Reported:104 South 4th StreetProject Number:19034-0016Artesia NM, 88210Project Manager:Greg Crabtree1/26/20233:31:39PM

Nonhalogenated	Organics b	v EPA	8015D -	GRO
	0 - 8	,		

Analyst: SL

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

Blank (2304025-BLK1)						Prepared: 0	1/25/23	3 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: 0	1/25/23	3 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: 0	1/25/23	3 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

Artesia NM, 88210		Project Manager	r: Gr	eg Crabtree					1/26/2023 3:31:39PN
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: RAS									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2304033-BLK1)							Prepared: 0	1/26/23 A	nalyzed: 01/26/23
riesel Range Organics (C10-C28)	ND	25.0							
til Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.0		50.0		94.1	50-200			
.CS (2304033-BS1)							Prepared: 0	1/26/23 A	nalyzed: 01/26/23
riesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
urrogate: n-Nonane	52.8		50.0		106	50-200			
Aatrix Spike (2304033-MS1)				Source:	E301126-0)1	Prepared: 0	1/26/23 A	nalyzed: 01/26/23
riesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
urrogate: n-Nonane	52.4		50.0		105	50-200			
Matrix Spike Dup (2304033-MSD1)				Source:	E301126-0)1	Prepared: 0	1/26/23 A	nalyzed: 01/26/23
tiesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132	2.13	20	
urrogate: n-Nonane									



LCS Dup (2304028-BSD1)

Chloride

265

Prepared: 01/25/23 Analyzed: 01/26/23

20

QC Summary Data

EOG Resources 104 South 4th Street	Project Name: Ocotillo ACI Federal #1 Project Number: 19034-0016							Reported:				
Artesia NM, 88210		Project Manager		Greg Crabtree								1/26/2023 3:31:39PM
		Anions	by EPA	300.0/9056	4				Analyst: RAS			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2304028-BLK1)							Prepared: 0	1/25/23 A	nalyzed: 01/25/23			
Chloride	ND	20.0										
LCS (2304028-BS1)							Prepared: 0	1/25/23 A	nalyzed: 01/26/23			
Chloride	263	20.0	250		105	90-110						

250

20.0

106

90-110

0.936

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.



K	of Recei
gram SDWA	ved by OC
RCRA	ceived by OCD: 9/13/2023
x	23 11:30:28

lient: EO					Bill To			ı	Lab L	Jse Only			T	AT	EPA P	rograi
	cotillio ACI F				Attention: Address:	*	Lab	WO#	,	Job Numb		1D 2	D 3D	Standard	CWA	SDV
ddress:	anager: Greg	Crabtre	е		City, State, Zip		Es	30112	<u> </u>	19034-		X				RC
ity, State,	, Zip				Phone:											
hone:					Email:										State	
mail: All E	Enviro								1					NM CO	UT AZ	TX
eport due	e by:						J							×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	BDGOC								Remarks	
6:00	1/23/23	5		5B-8 @	10 F+		X									
8:11	1/24/23	5	1	5B-8 @	12.5 ft	2	8									
4:40	1/24/23	5	(5 B8 @	15.Ft	3	X									
1:02	1/24/23	5	1	5 B-8 @	17.5 F+	4	X									
9:25	1/24/23	5	1	5B4@	20 8+	5	X									
10:06	1/24/25	5	1	SB8 @	30 St	6	a									
10:54	1/24/23	5	1	5 B8 @	40 ft	7	X									
12112	1/24/23	5	(5B8 (a)	50 ft	8	X									
2:50	1/24/23	5	1	SB-8@	Co ft	9	N							Tit.		
	1/24/23	5	(53-80	To fo	10	X									
Additiona	l Instruction	ıs:						- 8								
(field sample	er), attest to the	validity and	authenticity	of this sample. I am aw	are that tampering with or intentionally r	mislabelling the sample lo	cation,							eived on ice the day th	30	d or n
				be grounds for legal acti				-								
1	d by: (Signature			135/23 -219		to 1/26/2	13	8:25	5	Received o	ı ice:	(Y)	Jse Onl N	y		
Relinquished	d by: (Signature	2)	Date	Time	Received by: (Signature)	Date		Time		T1		т2		тэ		
telinquished	d by: (Signature	e)	Date	Time	Received by: (Signature)	Date		Time		AVG Temp		<u>T2 </u>		<u>T3</u>		

Printed: 1/26/2023 9:07:23AM

Envirotech Analytical Laboratory

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 1	15:11		Logged In By:	Caitlin Christian
Email:		Due Date:	01/26/23	17:00 (0 day TAT	")		
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier	Patrick Mesa		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes			<u>Comment</u>	s/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	ne sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes C				
	<u>Container</u>		_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	.?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La							
	field sample labels filled out with the minimum inf	ormation:					
	ample ID?		Yes				
Γ	Pate/Time Collected?		Yes				
C	Collectors name?		Yes				
	Preservation						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcont	ract Laboratory						
28. Are s	amples required to get sent to a subcontract laborate	ory?	No				
29. Was a	a subcontract laboratory specified by the client and i	f so who?	NA	Subcontract L	ab: NA		
Client I	nstruction						
<u>enene r</u>	issi uction						

Date

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: <u>Jeremy Haass</u>
To: <u>Tami Knight</u>

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: <u>Jeremy Haass</u>
To: <u>Tami Knight</u>

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 < <u>Tina Huerta@eogresources.com</u>>

Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >; Hamlet, Robert, EMNRD

<<u>Robert.Hamlet@emnrd.nm.gov</u>>

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



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 <<u>Artesia S&E Spill Remediation@eogresources.com</u>>; 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 Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com



From: <u>Jeremy Haass</u>
To: <u>Tami Knight</u>

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 < <u>Tina Huerta@eogresources.com</u>>

Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >; Hamlet, Robert, EMNRD

<<u>Robert.Hamlet@emnrd.nm.gov</u>>

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



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 <<u>Artesia_S&E_Spill_Remediation@eogresources.com</u>>; 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 Hverta 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

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:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	264861
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation approved.	3/15/2024
amaxwell	• 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